## FOR IN VITRO RESEARCH USE ONLY. NOT FOR USE IN HUMANS OR ANIMALS.

## Recombinant human GNG13 protein



Ag13007       MEEWDVPQMRKVESLKVQLAPQEMSKTEL         Size:       WEEDGRPCFLAPQHANKNPWVEKCKCTL         S0 µg       (1-67 as encoded by BC093760)         Form:       Available typphilized         Species:       human         Puppession Source:       e colf-derived, PCEX-AT, with N-terminal GST.         Biological Activity:       Not tested         Not tested       Endotoxin Level:         Please contact the lab for more information       Shipping:         Reconstitution:       Reconstitution with sterile water for short-term storage.         and Storage       Affer reconstitution with sterile water for short-term storage.         Affer reconstitution with sterile water for short-term storage.       The product is shipped at ambient temperatur storage.         Affer reconstitution with sterile water if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage (see Stability and Storage for more details).       If a different concentration is needed for your purposes please note: the ion concentration of the final solution will vary according to the volume used).       Note: Centrityge vial before opening. When reconstituting.         Purity       85% by SDS-PAGE with Coomassie Britliant Blue staining.       The purified protein not solution.         Formulation       The purified protein was lyophilized from sterile PBS (SBm Na2HPO4, 17mM NaH2PO4, 68m MaCl, pH8), 5 %.         Stability	Basic Information	Catalog Number:	Peptide Sequence:
Sig       (1-67 as encoded by BC093760)         Form:       Available is ophilized         Species:       Numan         Expression Source:       et off-derived ACEVAT, with H-terminal CST.         BigGigGial Activity::       Notested         Participation Source:       et off-derived ACEVAT, with H-terminal CST.         BigGigGial Activity::       Notested         Reconstitution       Reconstitute at 0.25 µg/u in 200 µl sterile water for short-terms storage.       Mare reconstituted to add an organization with sterile water for short-terms storage.       Mare reconstitute at 0.25 µg/u in 200 µl sterile water for short-terms storage.       Mare reconstitute at 0.25 µg/u in 200 µl sterile water for short-terms storage in the reconstitution with sterile water. If giveren las no reform off organe for more derived to add an indicate to add the organization of the final solution with vary according to the constitution value as early off the protein for one reconstituting.       The optime derived in the reconstitution value as early defined form sterile PSS (SBm Na2HPO_4, 17mM NaH2PO_4, 68m NaCL, pH8), 5 % to value water of add throw the value of water water and addition off an equal value of giveren in the start and addition off an equal value of giveren in the start and addition off an equal value off for short-terms sterile PSS (SBm Na2HPO_4, 17mM NaH2PO_4, 68m NaCL, pH8), 5 % to value start and Storage of Storage of for short at a 26T for (12 weeks).         Storage of Reconstituted Protein       Storager:         Storage of Reconstitution with sterie water and addition of an equal value or giveret. Avoid repat frecze-thar vecies.		Ag13007	MEEWDVPQMKKEVESLKYQLAFQREMASKTIPELLI
Pure is       Available typphilized         Available typphilized       Septemics         Pure is       Bergen Share:         e cal:-derived. PGEK-4T, with N-terminal CST.       Biological Activity:         is eard       Beconstitution         Beconstitution       Reconstitute at 0.25 (gr/ul in 200 µ) service water for short-reminand CST.       Shoping:         Beconstitution with service water, if gryarend has no effect on subsequent experiments, it is recommended to add and read of the reconstitution volume as required (please norm: the isonamended to add and read of the reconstitution volume as required (please norm: the reconstitution proves please adjust the reconstitution volume as required (please norm: the reconstitution proves norms turing there reconstitution require volume of grycerol has no effect on concentration of the first subtanne with yang according to the reconstitution proves please adjust the reconstitution with the state water with yang according to the reconstitution place and 5 % mominted are added as protect ant before lyophilized to ensure full recorder to the reconstitution before opening. When reconstituting the reconstitution before opening when reconstituting the reconstitution before opening when reconstituting the reconstitution before opening. State and 5 % mominted are added as protect ant before lyophilized to mome for the reconstitution before opening. State and the reconstitution before opening the reconstitution of an equal volum of grycerel. Avoid repeat freeze-than cycles.         Purity       Bisk to the State State State and the reconstitution before opening the reconstitution of an equal volum of grycerel. Avoid repeat freeze-than cycles.         Store for up to 1		Size:	
Available lyophilized       Species         Species       Condensed PCEKAL with N-terminal CST.         Biographic Activity:       The particle of Condensed PCEKAL with N-terminal CST.         Biographic Activity:       The particle of Condensed PCEKAL with N-terminal CST.         Biographic Activity:       The particle of Condensed PCEKAL with N-terminal CST.         Biographic Activity:       The particle of Condense PCEKAL with N-terminal CST.         Biographic Activity:       The particle of Condense PCEKAL with N-terminal CST.         Biographic Activity:       The particle of Condense PCEKAL with N-terminal CST.         Biographic Activity:       The constitution with serie water for Short-term Strenge Condense PCEKAL with N-terminal CST.         Biographic Activity:       The constitution with serie water, figurerol Ins an offert of the Condense PCEKAL with N-terminal CST.         Biographic Activity:       The constitution with serie water, figurerol Ins and the temperature (see Below).         Protein Standard worth and activity with terminal CST.       Biographic Activity: With terconstitution with serie PCE Standition wither contanin Domit Serie PCE Standition withere and PC		50 µg	(1-67 aa encoded by BC093760)
Species:       Minume         Provide of the second source:       e coll-derived, PCEVeAT, with N-terminal CST.         Reconstitution       Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.         Reconstitution       Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.         Reconstitution       Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.         And Storage of more details).       Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.         And Storage for more details).       Minum as required (please note: the commended to ad an equired in the solution with serile water.         A foregree of the reconstitution volum as required (please note: the commended to experiative (see below).       The purchas is highed at ambient temperature (see below).         Purity       Bifferent connetration is needed for your purposes please adjust the reconstitution volum as required (please note: the commended to experature (see below).       The purchase adjust the reconstitution volum as required (please note: the commended to purposes please adjust the reconstitution volum as required (please note: the commended to purpose).         Formulation       The purched portein was Lyophilized form sterile PBS (SBM Ma2LP04, 17mM MaH2P04, 6Bm M Ma2L pH8), 5 % trebalses and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.         Storage of Reconstituted Protein       Stora for up to 12 months at-zot?C to -80°C as lyophilized powder.         Storage of Reconstitu		Form:	
human       Expression Source: e cal/.derived, PCEV.47, with N-terminal GST.         Biological Activity: Nate stated       Biological Activity: Person Source: e cal/.derived, PCEV.47, with N-terminal GST.         Reconstitution       Reconstitution         Reconstitution       Reconstitution with sterile water for short-term and Storage         After reconstitution with sterile water, figUcerol has no effect an equal volume of given for long-term storage (ese Stability an equal volume of given for long-term storage (ese Stability an equal volume of given for long-term storage (ese Stability and storage the reconstitution with a solution.       Stopping       The product is shipped at ambient temperature (see below).         Purity       85%, by SDS-PAGE with Comassie Brilliant Blue staining.       Stopping termine content and storage to the volume activity of the reconstitution.       The purified protein was Lyophilized powder.         Storage of Reconstituted Protein       Storage: Storage of Storage of Acconstituted Protein       Storage: Storage Composition of an equal volume of given and was hown the scale storage of Storage of Acconstituted Protein       Storage: Storage Composition and storage: Storage Composition and storage: Storage Composition and stora added term of an equal volume of given Active deposition of an equal volume of given Active deposit for a norths tre		Available lyophilized	
Expression Source e call-derived, PGEX-47, with N-terminal GST.         Biological Activity: Construction and Storage       Network         Reconstitution and Storage       Reconstitute at 25 gr/u in 200 µl sterile water for shorarem storage.       Sippler         Reconstitution and Storage       Reconstitute at 25 gr/u in 200 µl sterile water for shorarem storage for more details).       The reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equivaculture of glycerol for long terms storage (see Stabily and Storage for more details).       The reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an edglus the reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an edglus the reconstitution with sterile water in storage (see Stabily and Storage for more details).       The provide is simpler add wash down with water constituting gently pipet and wash down the sides of the viat to ensure full reconvery of the protein into solution.       Storage of the victure used).       Storage         Formulation       The purified protein was lyophilized from sterile PBS (SBmM Na21PO4, 437m NaH22PO4, 68m NaCL pH8). 5 % trebalse and 5 % mannitol are added as protectant before lyophilized powder.       Storage of Reconstituted Protein         Storage of Reconstituted Protein       Store for up to 12 months at -20°C to -80°C as lyophilized powder.       Storage of Reconstituted Protein         Storage of Reconstituted Protein       Store for up to 12 months at -20°C to -80°C for up to 3 months, reconstitution with serile water and addition		Species:	
e cad:-derived, PCEX-4T, with N-terminal CST.         Biological Activity:         Not tested         Please contact the lab for more information         Reconstitution         and Storage         After reconstitution with sterile water, if glycerol has no effect on equal volume of glycerol for long-term storage (see Stability and Storage for more details).         If a different concentration is needed for your purposes please and storage for more details).         White Y is the protein into solution.         Purity         Biss, by 5DS-PAGE with Comassie Brilliant Blue staining.         Formulation         The purple place and so for your purposes please and solution with sterile protein into solution.         Purity         Biss, by 5DS-PAGE with Comassie Brilliant Blue staining.         Formulation         The purple portein was Lyophilized from sterile PBS (SBm Na22POA127m Mair2POA 6Bm MSCL pH8).5 % trebalose and 5 % mannitot are added as protectant before Lyophilization. The elution buffer contain 100mM GSH.         Storage off Reconstituted Protein       Store for up to 12 months at -20°C to -80°C as Lyophilized powder.         Storage off Reconstituted Protein       Store at 2.4°C for (1-2 weeks). Long Term Storage: Store at 2.4°C for up to 3 mo		human	
Biological Activity:         Not tested         Constitution         Reconstitution         And Storage         Purity         Rescuent to a to 25 gr/gl/ in 200 µl sterile water for short-term storage.         After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glyceron for long-terms storage (see Shability and Storage for more details).       The prometait simple at ambient temperature (see below).         Purity       85%, by 5D5-PAGE with Coomassie Britliant Blue staining.       The purified protein into solution.         Formulation       The purified protein was lyophilized from sterile PBS (SBmM Na2HPO4, 17mM NaH2PO4, 6BmM NaCl, pH8), 5 % trelalose and 5 % manntol are added as protectant before lyophilization. The elution buffer contain 100mM CSH.         Storage of Reconstituted Protein       Store for up to 12 months at -20°C to -80°C as lyophilized powder.         Storage of Reconstituted Protein       Store for up to 12 months at -20°C to -80°C as lyophilized powder.         Storage of Reconstituted Protein       Store for up to 12 months at -20°C to -80°C as lyophilized powder.         Storage of Reconstituted Protein       Store for up to 2 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol.		Expression Source:	
Not tested       Endotion Level         Reconstitution and Storage       Reconstitute a 23 gg/ul in 200 µl sterile water for short-term storge		e coliderived, PGEX-4T, with N-terminal GST.	
Reconstitution       Reconstitute at 0.2 bg/ul in 200 µl sterile water for short terms torage.       Shipped at ambient temperature torget and shore the short term torage is a short term storage is a short term short term short the volume is a short term short term storage is a short term short the short term short the short term short te			
Reconstitution       Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-traiting.       Short reconstitution with sterile water, if glycerol has no affer, and user the periments, it is recommended to add an equal volume of glycerol for long-term storage (see Stability, and Storage for more details).       Short reconstitution with sterile water, if glycerol has no affer, and the protein into solution.       Short reconstitution with sterile water, if glycerol has no affer, and the protein into solution will vary according to the volume water.       Short reconstitution with sterile water, if glycerol has no affer, and the protein into solution.       Short reconstitution with sterile water, if glycerol has no affer, and the protein into solution.       Short reconstitution with sterile water, if glycerol has no affer, and the protein into solution.       Short reconstitution with sterile water, if glycerol has no affer, and the protein into solution.       Short reconstitution with the final solution will vary according to the volume water.       Short reconstitution with the protein into solution.       Short reconstitution with sterile protein was lyophilized from sterile PBS (SBM Na2HPOA, 17mM NaH2POA, 6&m MACL, PH8), 5 %, trebalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100m MCSH.         Storage of Reconstituted Protein       Stor fere up to 12 months at -20°C to -80°C as lyophilized powder.       Storage of glycer and store at 20°C to -80°C for up to 3 months, reconstitution with sterile water and addition		Endotoxin Level:	
and Storage       Neconstitute at 0.53 µg/µ in 200 µt stenie water for short-term storage.       The product is shipped at ambient temperatur storage.         After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, its recommended to add an equal volume of glycerol for long-term storage (see Stability and Storage for more details).       The different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).       The volume as glycerol for long-term storage (see Stability and Storage for more details).       The purified protein into solution.         Purity       85%, by SDS-PAGE with Coomassie Brilliant Blue staining.         Formulation       The purified protein was Lyophilized from sterile PBS (SBmM Na2HPO4, 17mM NaH2PO4, 68mM NaCL, pH8), 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.         Stability and Storage       Storage of Reconstituted Protein         Storage of Reconstituted Protein       Short Term Storage: Storage of glycerol. Avoid repeat freeze-thaw cycles.         Stelected Validation Data       Store for up to 12 months at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.         Stelected Validation Data       Image: Store of up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.		Please contact the lab for more information	
and Storage       Neconstitute at 0.53 µg/µ in 200 µt stenie water for short-term storage.       The product is shipped at ambient temperatur storage.         After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, its recommended to add an equal volume of glycerol for long-term storage (see Stability and Storage for more details).       The different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).       The volume as glycerol for long-term storage (see Stability and Storage for more details).       The purified protein into solution.         Purity       85%, by SDS-PAGE with Coomassie Brilliant Blue staining.         Formulation       The purified protein was Lyophilized from sterile PBS (SBmM Na2HPO4, 17mM NaH2PO4, 68mM NaCL, pH8), 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.         Stability and Storage       Storage of Reconstituted Protein         Storage of Reconstituted Protein       Short Term Storage: Storage of glycerol. Avoid repeat freeze-thaw cycles.         Stelected Validation Data       Store for up to 12 months at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.         Stelected Validation Data       Image: Store of up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.		Reconstitution	Shinning
and Storage       storage.       Storage.       Upon receipt, store it immediately at the recommended to add an equal volume of glycerol for long-term storage (see Stability and Storage for more details).       Upon receipt, store it immediately at the recommended to add an equal volume of glycerol volume as required (plase note: the ion concentration is needed for your purposes plase adjust the reconstitution volume as required (plase note: the ion concentration of the final solution will vary according to the volume used).       Upon receipt, store it immediately at the recommended temperature (see below).         Purity       85% by SDS-PACE with Coomassie Brilliant Blue staining.       Upon receipt, store it immediately at the recommended temperature (see below).         Purity       85% by SDS-PACE with Coomassie Brilliant Blue staining.       Upon receipt, store it immediately at the recommended temperature (see below).         Formulation       The purified protein was Lyophilized from sterile PBS (SBmM Na2HPO4, 17mM NaH2PO4, 68m MaCL, pH8). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.         Stability and Storage       Store for up to 12 months at -20°C to -80°C as lyophilized powder.         Storage of Reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.         Selected Validation Data       Storage: Avoid repeat freeze-thaw cycles.			
on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage (see Stability and Storage for more details).       If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).         Note: Centrifuge via before opening. When reconstituting, gently pipet and was hown the sides of the vial to ensure full recovery of the protein into solution.         Purity       85%, by SDS-PAGE with Coomassie Brilliant Blue staining.         Formulation       The purified protein was Lyophilized from sterile PBS (SBmM Na2HPO4, 17mM NaH2PO 4, 68m M NaCL, pH8). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.         Stability and Storage       Store for up to 12 months at -20°C to -80°C as lyophilized powder.         Storage of Reconstituted Protein       Short Term Storage: Store at -28°C for / 12 weeks). Long Term Storage: Aliquot and stor aget -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.         Selected Validation Data       Image: Align-	and Storage		
equal volume of glycerol for long-term storage (see Stability and Storage for more details). If a different concentration of the final solution will vary according to the volume used). Note: Centrifuge viab before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.         Purity       85%, by SDS-PAGE with Coomassie Brilliant Blue staining.         Formulation       The purified protein was Lyophilized from sterile PBS (SBM Na2HPO4, 17mM NaH2PO4, 68mM NaCL, pHB), 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.         Stability and Storage       Store for up to 12 months at -20°C to -80°C as lyophilized powder.         Storage of Reconstituted Protein       Store for up to 12 months at -20°C to -80°C as lyophilized powder.         Store at 2.8°C for (1-2 weeks). Long Term Storage: Net and storage: Storage of Reconstituted Protein       Store for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.         Selected Validation Data       Store freeze-thaw cycles.		•••	recommended temperature (see below).
If a different concentration is needed for your proses please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).         Note:: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.         Purity       85%, by SDS-PAGE with Coomassie Brilliant Blue staining.         Formulation       The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4, 17mM NaH2PO4, 68mM NaCL, pH8). 5 % trehalose and 5 % mannitol are added as protectant before Lyophilization. The elution buffer contain 100mM GSH.         Stability and Storage       Store for up to 12 months at -20°C to -80°C as Lyophilized powder.         Storage of Reconstituted Protein       Storage: Storage: Storage of For Storage: Storage at 2.3°C for (1-2 weeks). Long Term Storage: Aliquot and store at 2.0°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.         Selected Validation Data       If you and store at 2.0°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.			
adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).       Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.         Purity       85%, by SDS-PAGE with Coomassie Brilliant Blue staining.         Formulation       The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4, 17mM NaH2PO4, 68mM NaCL, pH8), 5 % trehalose and 5 % mannitol are added as protectant before Lyophilization. The elution buffer contain 100mM GSH.         Stability and Storage       Store for up to 12 months at -20°C to -80°C as Lyophilized powder.         Storage of Reconstituted Protein       Short Term Storage: Storage of constituted Protein         Scleected Validation Data       Aviant and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.			
ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.         Purity       85%, by SDS-PAGE with Coomassie Brilliant Blue staining.         Formulation       The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCL, pH8). 5 % trehalose and 5 % mannitol are added as protectant before Lyophilization. The elution buffer contain 100mM GSH.         Stability and Storage       Store for up to 12 months at -20°C to -80°C as Lyophilized powder.         Storage of Reconstituted Protein       Short Term Storage: Storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.         Selected Validation Data       Import Storage: Aligue and Store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.			
the volume used).       Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.         Purity       85%, by SDS-PAGE with Coomassie Brilliant Blue staining.         Formulation       The purified protein was Lyophilized from sterile PBS (SBmM Na2HPO4,17mM NaH2PO4, 68mM NaCL, pH8). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.         Stability and Storage       Store for up to 12 months at -20°C to -80°C as lyophilized powder.         Storage of Reconstituted Protein       Short Term Storage: Store at 2.8°C for (1-2 weeks). Long Term Storage: Aliguot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.         Selected Validation Data       Image: Aliguot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.			
genty pipet and wash down the sides of the vial to ensure full         Purity       85%, by SDS-PAGE with Coomassie Brilliant Blue staining.         Formulation       The purified protein was Lyophilized from sterile PBS (58m M Na2HPO4,17m M NaH2PO4, 68m M NaCL, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100m M GSH.         Stability and Storage       Store for up to 12 months at -20°C to -80°C as lyophilized powder.         Storage of Reconstituted Protein       Storage: Storage: Aliquot and storage: Aliquot and storage: Aliquot and storage: Aliquot and stora at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.         Selected Validation Data       Image: Aligned and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.			
Purity       85%, by SDS-PAGE with Coomassie Brilliant Blue staining.         Formulation       The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4, 17mM NaH2PO4, 68mM NaCL, pH8). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.         Stability and Storage       Store for up to 12 months at -20°C to -80°C as lyophilized powder.         Storage of Reconstituted Protein       Storage: Storage Storage: Storage Addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.         Selected Validation Data       The purified protein was to prote the storage of glycerol. Avoid repeat freeze-thaw cycles.			
Formulation   Stability and Storage   Storage of   Reconstituted Protein   Store for up to 12 months at -20°C to -80°C as lyophilized powder.   Storage of   Store for up to 12 months at -20°C to -80°C as lyophilized powder.   Store for up to 12 months at -20°C to -80°C as lyophilized powder.   Store at 2-8°C for (1-2 weeks).    Log Term Storage:   Store at 2-8°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.			
Formulation   Stability and Storage   Storage of   Reconstituted Protein   Selected Validation Data   The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4, 17mM NaH2PO4, 68mM NaCL, pH8), 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.   Storage of Reconstituted Protein  The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4, 17mM NaH2PO4, 68mM NaCL, pH8), 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.   Store for up to 12 months at -20°C to -80°C as lyophilized powder.  Store at 2-8°C for (1-2 weeks). Log Term Storage: Store at 2-8°C for (1-2 weeks). Log Term Storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.  Store of glycerol. Avoid repeat freeze-thaw cycles.  Store of the peat freeze-thaw cycles.  Store of th			
Stability and Storage       Store for up to 12 months at -20°C to -80°C as lyophilized powder.         Storage of Reconstituted Protein       Short Tem Storage: Store at 2-8°C for (1-2 weeks). Long Tem Storage: Aliguot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.         Selected Validation Data       Image: Aliguot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.	Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.	
Stability and Storage       Store for up to 12 months at -20°C to -80°C as lyophilized powder.         Storage of Reconstituted Protein       Short Tem Storage: Store at 2-8°C for (1-2 weeks). Long Tem Storage: Aliguot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.         Selected Validation Data       Image: Aliguot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.	Formulation		
Storage of Reconstituted Protein       Short Term Storage:         Store at 2-8°C for (1-2 weeks).       Log Term Storage:         Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.         Selected Validation Data		trehalose and 5 % mannitol are added as protectant before lyophi	lization. The elution buffer contain 100mM GSH.
Store at 2-8°C for (1-2 weeks). Long Term Storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.	Stability and Storage	Store for up to 12 months at -20°C to -80°C as lyophilized powder.	
Reconstituted Protein       Source of the Storage:         Log Term Storage:       Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.         Selected Validation Data       74 kDa - 43 kDa -	Storage of	Short Term Storage:	
Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.	Reconstituted Protein		
Selected Validation Data			
Selected Validation Data			
$\begin{array}{c} 72 \text{ kDa} \rightarrow \\ 43 \text{ kDa} \rightarrow \end{array}$		· · ·	
$\begin{array}{c} 74 \text{ kDa} \rightarrow \\ 66 \text{ kDa} \rightarrow \end{array}$ $43 \text{ kDa} \rightarrow \end{array}$	Selected Validation Data		
43 kDa→	Selected Validation Data	74 kDa→	
		66 kDa→	
		$43 \text{ kDa} \rightarrow$	
		÷	

20 kDa-

 For technical support and original validation data for this product please contact:

 T: 1 (888) 4PTGLAB (1-888-478-4522)
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