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

## Recombinant human TMC2 protein



Ag8378       MSUGATABOTHYSSINATQQUIRETTPS         Form:       Secontinue         Available lophilized       Guides         Species:       Building of Activity:         Numan       Expression Source:         e.coli-derived, PET 28a, with N-terminal 6*His.       Building of Activity:         Not tested       Endetion Level:         Reconstitution       Reconstitution:       Sippling:         Reconstitution       Reconstitution of the final solution with serile water for shortHerm tange.       Sippling:         After reconstitution:       Reconstitution of the final solution in twee in give row the valit or ensure for solution.       Sippling:         Purity       Reconstitution of the final solution in twee in give row the valit or ensure for solution.       Sippling:         Purity       B3%, by 5D5-PACE with Comassite Brilliant Blue staining.       Sippling:         Purity       B3%, by 5D5-PACE with Comassite Brilliant Blue staining.       Sippling:         Formulation       The purified protein was Lyophilized from senie PBS (SBM Na2LPOA, SBM NaCL, p17.4), 3 % trebalos and 54 main solution.       Sippling:         Storage of Reconstitution was senied Brilliant Blue staining.       Sippling:       Sippling:         Formulation       The purified protein was Lyophilized from senie PBS (SBM Na2LPOA, SBM NaCL, p17.4), 3 % trebalos and 54 main this solution.       Sippling:	Basic Information	Catalog Number:	Peptide Sequence:
Available tyophilized Species human       CGCPDSCH4PS_TTHPMPUSASCICAQPPPH (BDS-906 as encoded by MPL_0B0731)         Expension Source exploried Activity: Not tested Endocutin Exercit Endocutin Exercit Endocutin Endocutin Endocutin Endocutin Endocutin Endocutin Endocutin		Ag26378	MSVKGKATARDSEDTPKSSSKNATQLQLTKEETTPPS
Species:       (805906 as encoded by MM_080751)         Numa       Expecies:         Numa       Expecies:         e.od:.derived, RF128a; with Nerminal 6/His.       Bigging IA (xi)ry:         Nate and       Endouvini Level         Please constat the lab for more information       Single IA         Reconstitution       Reconstitution (single III)       The provide III)         Reconstitution (single III)       Reconstitution (single III)       The provide III)         And Storage       Reconstitution (single III)       The provide III)         And Storage       III diverse information of the frait solution with sterile water, if glycerol has no effect       The provide III)         Provide III of the reconstitution of the sterile water for short-terms       The reconstitution (single III)       The reconstitution (single III)         Reconstruct a code III of the reconstitution of the reconstitution (single IIII)       The provide IIII)       The reconstruct is the reconstitution (single IIII)         Purity       89% by DSD-PAGE with Compassie Brilliant Blue staining.       The purified protein insolution at added as protectant before (typohilization. The elution buffer contain 300mM         Storage of Reconstituted Protein       Storage IIII and IIII and IIII and IIIIIIIIIIII			
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Purity       Spin by Spin Packet with Networks of Spin Packet with Netwith Packet with Netwo			
e odi-derived, PET28a, with N-terminal 6/His.         Bidgical Activity:         Wattested         Perconstitution         Reconstitution         And Storage         Purity         Portion         Purity         Portion         Portion         Purity         Portion         Portion         Portion         Portion         Portion         Portion         Portion         Portion         Prevention			
Biological Activity:       Moti Reside         Reconstitution       Personation Reconstitution with stelle water if glycerol has no efform and Storage       Shipped at ambient remperature. Uponctrit is shipped at ambient remperature. Uponcept start it immediately at the communication is needed for your purposes please dealist.       Shipped         Purity       Storage of Reconstituted Protein       Storage of the protein into solution with stelle water. if glycerol has no efform acqual volume of glycerol for long-term storage (see Sability, and storage the protein into solution with vary according to the final solution volume as required (please note it immediately at the communication in the final solution with vary according to the volume used.       Were Centrifying vial before opening. When econstituting gene it immediately at the communication volume as required (please note it immediately at the communication volume as required (please note it immediately at the communication volume as required (please note it immediately at the communication volume as required (please note it immediately at the communication volume as required (please note it immediately at the communication is needed for your purposes please it immediately at the communication is needed as protectant before lyophilization. The elution buffer contain 300mM for the protein into solution.         Purity       Stor for up to 12 months at -20°C to -80°C as lyophilized powder.       Storage of Reconstituted Protein       Storage volume volume volume as volume of glycerol. Avoid repast volume or glycerol. Avoid repast volume vo		•	
Notested       Please         Reconstitution       Preconstitute to 25 grt/µl in 200 µl serile water for shorterm storage.       Suppose         Band Storage       Preconstitute to 25 grt/µl in 200 µl serile water, if glycren has no effect on subsequent experiments, it is recommended to add an guive of form ere insorage (see Stability and Storage for more deals).       Puricy       Suppose       The production with serile water, if glycren has no effect on subsequent experiments, it is recommended to add an guive of form ere deals).       Puricy       Suppose       The production with serile water, if glycren has no effect on subsequent experiments, it is recommended to add an guive of form ere deals).       Puricy       Suppose       The purified protein into subtrace       The purified protein into subtrace       The purified protein was lyophilized from sterile PBS (SBm Na2HPO4, 17mM NaH2PO4, 6Bm MaCL pH7,4), 5 % trebalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM         Stability and Storage       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.         Storage of Reconstituted Protein       Store for up to 12 months at 20°C to -80°C as lyophilized powder.       Store 1000000000000000000000000000000000000			
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Reconstitution       Pense contact the lab for more information         Reconstitution       Reconstitute a C25 gg/lul in 200 µl sterile water (r glycerol has no effect on subsequence sperimens, it is recommended to add an guipotes plass of the reconstitution is unsease (see Stability, and Storage for more details). We comfige of the protein into solution will vary according to the volume august. We reconstituting, gript plat at mother temperature (see below).       The product is shipped at ambient temperature (see below).         Purity       Rest contact the lab for more information       Name (Storage of the volume august). Note (Storage of the volume august).       The purified protein into solution.         Formulation       The purified protein was Lyophilized from sterile PBS (Stom Na2HPO4, Stom NacL pH7.4). 5 % trebalose and 5 % marnitol are added as protectant before Lyophilization. The elution buffer contain 300mM         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 for up to 3 months, reconstitution of glycerol. Avoid repeat freeze-thew cycls.         Storage of Reconstituted Protein       Store for up to 12 months, at -20°C to -80°C for up to 3 months, reconstitution of store store of up to 5 months, reconstitution of store store work stores of the store work stores of the store work stores of the store work store work stores of the store work store work stores of the store work stores of the store work stores of the store work store work stores of the store work store work stor			
and Storage       Reconstitute at 0.25 µg/µ in x00 µl senie water for short-term storage.       The product is shipped at ambient temperature. After reconstitution with sterile water, if glycerol has no effect and storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution Que 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 piect and wash down the sides of the vial to ensure full recovery of the protein into solution.       The purified protein was lyophilized from sterile PBS (58mM Na2HPO 4, 17mM NaH2PO 4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.         Stability and Storage Storage of Reconstituted Protein       Store for up to 12 months at -20°C to -80°C as lyophilized powder.         Store a for Aliquot and storage: Store at -28°C for (1-2 weeks). Long ferm storage: Store at -28°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       Immuno of glycerol to a supplice a months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.			
and Storage       Reconstitute at 0.25 µg/µ in x00 µl senie water for short-term storage.       The product is shipped at ambient temperature. After reconstitution with sterile water, if glycerol has no effect and storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution Que 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 piect and wash down the sides of the vial to ensure full recovery of the protein into solution.       The purified protein was lyophilized from sterile PBS (58mM Na2HPO 4, 17mM NaH2PO 4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.         Stability and Storage Storage of Reconstituted Protein       Store for up to 12 months at -20°C to -80°C as lyophilized powder.         Store a for Aliquot and storage: Store at -28°C for (1-2 weeks). Long ferm storage: Store at -28°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       Immuno of glycerol to a supplice a months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.	Peconstitution	Reconstitution:	Shipping:
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Storage of Reconstituted Protein       Short Term Storage:         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.         Selected Validation Data		initiazote.	
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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.	Deconstituted Drotein	Store at 2-8°C for (1-2 weeks).	
Selected Validation Data	Reconstituted Protein		
Selected Validation Data			
74 kDa- 43 kDa- 28 kDa-		•	
74 kDa- 43 kDa- 28 kDa-	Selected Validation Data		
$43 \text{ kD}_{2} \rightarrow 28 \text{ kD}_{2} \rightarrow 28 \text{ kD}_{2} \rightarrow 600000000000000000000000000000000000$	Selected validation Data	74 kDa→	
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28 kDa→		$43 \text{ kDa} \rightarrow$	
SLAE			
		28 kDa→	
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		20 kDa→	

—17 kDa

For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522)E : proteintech@ptglab.com W:(toll free in USA), or 1(312) 455-8498ptglab.com(outside USA)(total free in USA)

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