

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

Recombinant human CASKIN2 protein



Basic Information

Catalog Number:
Ag12044

Size:
50 µg

Form:
Available lyophilized

Species:
human

Expression Source:
e coli-derived, PET28a, with N-terminal 6^oHis.

Biological Activity:
Not tested

Endotoxin Level:
Please contact the lab for more information

Peptide Sequence:
MGREQDLI L V K N G D V T G V Q K L V A K V K A T K T K L L G S T
K R L N V N Y Q D A D G F S A L H H A A L G G S L E I A L L E A Q A T
V D I K D S N G M R P L H Y A A W Q G R L E P V R L L R A S A A V N A
A S L D G Q I P L H L A A Q Y G H Y E V S E M L L Q H Q S N P C L V N K
A K K T P L D L A C E F G R L K V A Q L L L N S H L C V A L L E G E A K D P
C D P N Y T T P L H L A A K N G H R E V I R Q L L R A G I E I N R Q T K T G
T A L H E A A L Y G K T E V V R L L E G G V D V N I R N T Y N Q T A L D I
V N Q F T T S Q A S R E I K Q L L R E A S G I L K V R A L K D F W N L H D
P T A L N V R A G D V I T V L E Q H P D G R W K G H I H E S Q R G T D R I
G Y F P P G I V E V V S K
(1-347 aa encoded by BC066643)

Reconstitution and Storage

Reconstitution:
Reconstitute at 0.25 µg/µl 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 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 vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

Shipping:
The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature (see below).

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, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.

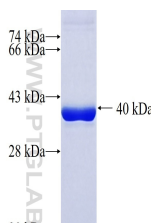
Stability and Storage

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:
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



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

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