

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

Recombinant human MCC protein



Basic Information

Catalog Number:

Ag2089

Form:

Available lyophilized

Species:

human

Expression Source:

e coli-derived, PGEX-4T, with N-terminal GST.

Biological Activity:

Not tested

Endotoxin Level:

Please contact the lab for more information

Peptide Sequence:

AGVGSSPGDQSGDENITQMLKRAHDCRKAENAAK
ALLMKLDGSCGGAFVAVAGCSVQPWESLSSNSHTSTT
SSTASSCDTEFTKEDEQRLKDYIQQLKNDRAAVKLTM
LELESIHIDPLSYDVVKPRGDSQRLDENAVLMQELMAM
KEEMAELKAQLYLLEKEKKALEKLSTREAQEQAYLVHI
EHLKSEVEEQKEQRMRSLSSTSSGSKDKPGKECADA
SPALSALAE LR T T C S E N E L A A E F T N A I R R E K K L A R V Q E L
V S A L E R L T K S S E I R H Q Q S A E F V N D L K R A N S N L V A A Y E
K A K K K H Q N K L K L E S Q M M A M V E R H E T Q V R M L K Q R I A
L L E E N S R P H T N E T S L

(480-829 aa encoded by BC018919)

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, 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:

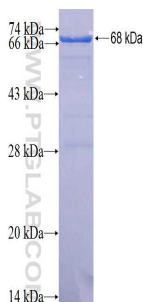
Store at 2-8°C for (1-2 weeks).

Long Term Storage:

Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution.

Avoid repeat freeze-thaw cycles.

Selected Validation Data



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

T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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