

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

Recombinant human METTL10 protein



Basic Information

Catalog Number:

Ag37025

Size:

50 µg

Form:

Available lyophilized

Species:

human

Expression Source:

e coli-derived, PET28a, with N-terminal 6*His.

Biological Activity:

Not tested

Endotoxin Level:

Please contact the lab for more information

Peptide Sequence:

MSSGADGGGGA A A A R S D K G S P G E D G F V P S A L G T R
E H W D A V Y E R E L Q T F R E Y G D T G E I W F G E E S M N R I R W
M Q K H K I P L D A S V L D I G T G N G V F L V E L A K F G F S N I T G I D
Y S P S A I Q L S G S I I E K E G L S N I K L K V E D F L N L S T Q L S G F H I
C I D K G T F D A I S L N P D N A I E K R K Q Y V K S L S R V L K V K G F F
S N N V M

(1-192 aa encoded by BC026167)

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

80%, 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

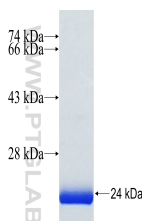
Short Term Storage:

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, 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:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.