

Recombinant Mouse Blmh Protein, His-tagged

Cat. No. Blmh-419M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Blmh(Ala27~Cys164) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala27~Cys164
Description	The encoded protein is a cytoplasmic cysteine peptidase involved in inactivation of bleomycin, a glycopeptide which is a component of combination chemotherapy regimens for cancer. This encoded enzyme is highly conserved, and it contains the signature active site residues of cysteine protease papain superfamily enzymes. It is postulated that this enzyme has protective effects against bleomycin-induced pulmonary fibrosis and bleomycin tumor resistance.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	21.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein

Stability

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others

GENE INFORMATION

Gene Name

[Blmh bleomycin hydrolase \[Mus musculus \]](#)

Official Symbol

[Blmh](#)

Synonyms

BLMH; bleomycin hydrolase; BLM hydrolase; Bh; Bmh; AI035728; MGC36899; MGC37104; MGC39026;

Gene ID

[104184](#)

mRNA Refseq

[NM_178645](#)

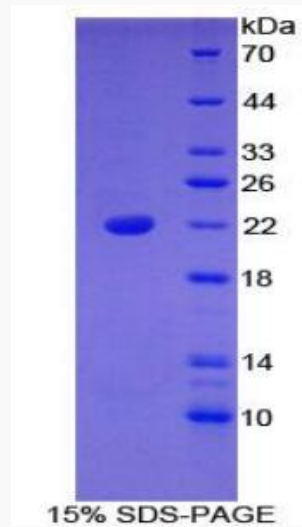
Protein Refseq

[NP_848760](#)

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