

Recombinant Human BLMH Protein, His-tagged

Cat. No. BLMH-418H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BLMH(Met213~Trp447) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met213~Trp447
Description	Bleomycin hydrolase (BMH) is a cytoplasmic cysteine peptidase that is highly conserved through evolution; however, the only known activity of the enzyme is metabolic inactivation of the glycopeptide bleomycin (BLM), an essential component of combination chemotherapy regimens for cancer. The protein contains the signature active site residues of the cysteine protease papain superfamily.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	32.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein

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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 [Homo sapiens]
Official Symbol	BLMH
Synonyms	BLMH; bleomycin hydrolase; BH; BLM hydrolase; BMH;
Gene ID	642
mRNA Refseq	NM_000386
Protein Refseq	NP_000377
MIM	602403
UniProt ID	Q13867

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