

Recombinant Mouse BLMH protein(Asn2-Glu455), His-tagged

Cat. No. Blmh-1190M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse BLMH (NP_848760.1) (Asn 2-Glu 455) was expressed in E. coli, with a polyhistide tag at the N-terminus.
Species	Mouse
Source	E.coli
ProteinLength	2-455 a.a.
Form	Lyophilized from sterile 50mM Tris, 0.15M NaCl, 10% glycerol, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to hydrolyze Met-AMC. The specific activity is >500 pmoles/min/μg.
Molecular Mass	The recombinant mouse BLMH consisting of 461 amino acids and has a calculated molecular mass of 53.3 kDa. rmBLMH migrates as an approximately 47 kDa band in SDS-PAGE under reducing conditions.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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