

Mouse BLMH/Bleomycin Hydrolase (His Tag) recombinant protein



Catalog Number: 501917

General Information

Protein Construction

A DNA sequence encoding the mouse BLMH (NP_848760.1) (Asn 2-Glu 455) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Mouse

Expression Host

E. coli

QC Testing

Activity

Measured by its ability to hydrolyze Met-AMC. The specific activity is >500 pmoles/min/ μ g.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

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.

Formulation

Lyophilized from sterile 50mM Tris, 0.15M NaCl, 10% glycerol, pH 8.0

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

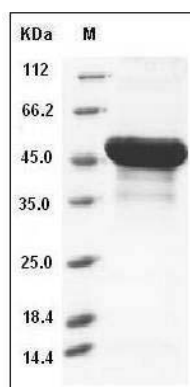
Storage

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.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



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