

# 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/ $\mu$ 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

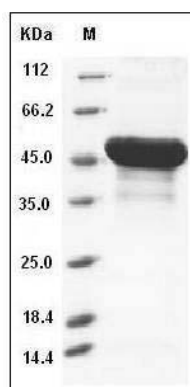
### Storage

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



Mouse BLMH / Bleomycin Hydrolase Protein (His Tag) SDS-PAGE