

# Mouse B2M/beta-2 microglobulin (His Tag) recombinant protein



Catalog Number: 501600

## General Information

### Protein Construction

A DNA sequence encoding the mouse B2M (P01887) (Met 1-Met 119), without the propeptide, was fused with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Ile 21

### Molecular Mass

The secreted recombinant mouse B2M comprises 110 amino acids and has a calculated molecular mass of 13 kDa. The apparent molecular mass of

rmB2M is approximately 15 kDa in SDS-PAGE under reducing conditions.

### Formulation

- Lyophilized from sterile PBS, pH 7.4
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
  2. Please contact us for any concerns or special requirements.

## Usage Guide

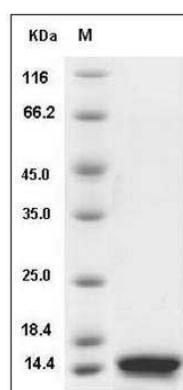
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 B2M / Beta-2-microglobulin Protein (His Tag) SDS-PAGE