

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



Catalog Number: 502560

## General Information

### Gene Name Synonym

Beta-2-microglobulin form pI 5.3

### Protein Construction

A DNA sequence encoding the human B2M (NP\_004039.1) (Met 1-Met 119) was expressed, with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

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

### Predicted N terminal

Ile 21

### Molecular Mass

The recombinant human B2M consists of 110

amino acids and migrates as an approximately 13.5 kDa band in SDS-PAGE under reducing conditions as predicted.

### 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

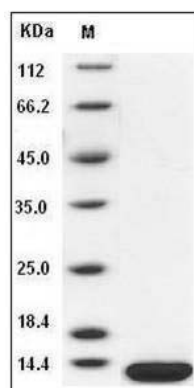
### Storage

Store it under sterile conditions at -20°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



Human B2M / Beta-2-microglobulin Protein (His Tag) SDS-PAGE