

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



Catalog Number: 501115

## General Information

### Protein Construction

A DNA sequence encoding the Cynomolgus B2M (Q6V7J5) (Met 1-Met119) was expressed, fused with a polyhistidine tag at the C-terminus.

### Organism

Cynomolgus

### Expression Host

Human Cells

## QC Testing

### Purity

> 96 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ 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°C

### Predicted N terminal

Ile 21

### Molecular Mass

The recombinant heterodimer of Cynomolgus B2M comprises 110 amino acids and has a calculated molecular mass of 13.1 KDa. The apparent

molecular mass of cyno B2M heterodimer is approximately 14 KDa respectively in SDS-PAGE.

### 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

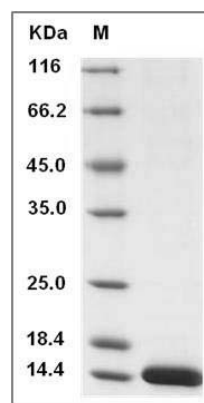
Store it under sterile conditions at -20°C to -80°C.

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



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