

# Mouse HSPD1/HSP60 (His Tag) recombinant protein



Catalog Number: 502705

## General Information

### Gene Name Synonym

60 kDa chaperonin; Chaperonin 60; HSP-65; Heat shock protein 60; Mitochondrial matrix protein P1

### Protein Construction

A DNA sequence encoding the mouse HSP60 (NP\_034607.3) (Leu 2-Phe 573) was expressed, with a polyhistidine tag at the N-terminus.

### Organism

Mouse

### Expression Host

E. coli

## QC Testing

### 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 HSP60 consisting of 583

amino acids and has a calculated molecular mass of 62.3 kDa. rmHSP60 migrates as an approximately 58 kDa band 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

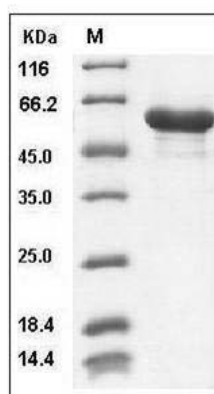
### Storage

Store it under sterile conditions at -20°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 HSPD1 / HSP60 Protein (His Tag) SDS-PAGE