

# Human HSPA8/HSC70 (His Tag) recombinant protein



Catalog Number: 500809

## General Information

### Gene Name Synonym

Heat shock 70 kDa protein 8; Lipopolysaccharide-associated protein 1

### Protein Construction

A DNA sequence encoding the human HSPA8 (P11142-1) (Met 1-Asp 646) was expressed, with a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 90 % 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 human HSPA8 consisting of 657

amino acids and has a calculated molecular mass of 72.4 kDa. The apparent molecular mass of the protein is approximately 65 kDa in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, 10% glycerol, pH 7.5  
1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

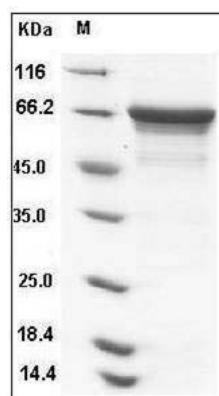
### Storage

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 HSPA8 / HSC70 Protein (His Tag) SDS-PAGE