

# Human HSF1 (His Tag) recombinant protein



Catalog Number: 501595

## General Information

### Gene Name Synonym

Heat shock transcription factor 1

### Protein Construction

A DNA sequence encoding the human HSF1 isoform long (Q00613-1) (Asp 2-Ser 529) was expressed, with a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 70 % 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 HSF1 consisting of 539

amino acids and has a calculated molecular mass of 58.6 kDa. It migrates as an approximately 67 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.0

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

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

## Usage Guide

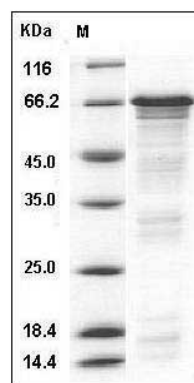
### Storage

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 HSF1 / HSTF1 Protein (His Tag) SDS-PAGE