

Human HSP27/HSPB1/HSP 27 (His Tag) recombinant protein



Catalog Number: 501313

General Information

Gene Name Synonym

Heat-shock protein beta-2; cDNA FLJ77220, highly similar to Homo sapiens heat shock 27kDa protein 2 (HSPB2)

Protein Construction

A DNA sequence encoding the human HSP27 (NP_001532.1) (Met1-Lys205) was expressed with a C-terminal polyhistidine tag.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 97 % 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 1

Molecular Mass

The recombinant human HSP27 consists of 211 amino acids and has a predicted molecular mass of 28 kDa as estimated by SDS-PAGE.

Formulation

Lyophilized from sterile 20mM HEPES, 0.1M KCl, 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

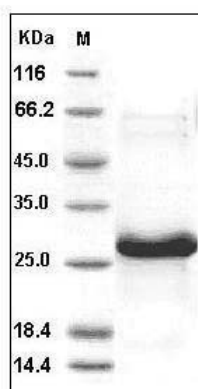
Storage

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 HSP27 / HSPB1 Protein (His Tag) SDS-PAGE