

Recombinant Human HSP27/HSPB1 Protein (His Tag)

RPES3947

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES3947

Purity: > 97 % as determined by reducing SDS-PAGE.

Contents: 100µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: Please contact us for more information.

Synonyms: CMT2F, HEL-S-102, HMN2B, HS.76067, HSP27, HSP28, Hsp25, SRP27

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Store Bradford Reagent at Room Temperature for 1 year.

Tag: C-His

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: E.coli

Bio-Activity: Not validated for activity

Calculated MW: 28.0 kDa

Formulation: Lyophilized from sterile 20mM HEPES, 0.1M KCl, pH 7.5 Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

Observed MW: 28 kDa

Reconstitution: Please refer to the printed manual for detailed information.

Accession: NP_001531.1

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in

Source: E.coli-derived Human HSP27/HSPB1 protein Met 1-Lys205, with an C-terminal His

Sequence: Met 1-Lys205

Form: Lyophilized powder

this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Notes: Centrifuge before opening to ensure complete recovery of vial contents.