

# Recombinant Human Heat Shock 27kDa Protein 1, His-tagged

Cat. No. HSPB1-2651H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human Hsp27 (amino acids 1-205) was fused to a His-Tag sequence at the N-terminus and expressed in <i>S. frugiperda</i> insect cells. MW = 27 kDa.
<b>Species</b>	Human
<b>Source</b>	<i>S. frugiperda</i>
<b>Protein Length</b>	1-205 a.a.
<b>Description</b>	Hsp27 acts as a molecular chaperone and has been shown to inhibit apoptosis and regulate cytoskeletal dynamics by acting as an actin-binding protein. Hsp27 has also been reported to have altered expression in some cancers.
<b>Purity</b>	≥90% by SDS-PAGE.
<b>Form</b>	Liquid. In PBS.
<b>Storage</b>	≤ -70°C. Avoid freeze/thaw.

## GENE INFORMATION

<b>Gene Name</b>	HSPB1 heat shock 27kDa protein 1 [ <i>Homo sapiens</i> ]
<b>Synonyms</b>	HSPB1; heat shock 27kDa protein 1; CMT2F; DKFZp586P1322; HS.76067; HSP28; Hsp25; HMN2B; HSP27; SRP27; HS.76067; DKFZp586P1322; heat shock protein

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

beta-1; stress-responsive protein 27; estrogen-regulated 24 kDa protein.; OTTHUMP00000024846; 28 kDa heat shock protein; Estrogen-regulated 24 kDa protein; Heat shock 27 kDa protein

**Gene ID** 3315

**mRNA Refseq** NM\_001540

**Protein Refseq** NP\_001531

**MIM** 602195

**UniProt ID** P04792

**Chromosome Location** 7q11.23

**Pathway** MAPK signaling pathway; VEGF signaling pathway

**Function** identical protein binding; ubiquitin binding

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA