

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	<i>S. frugiperda</i>
Protein Length	1-205 a.a.
Description	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.
Purity	≥90% by SDS-PAGE.
Form	Liquid. In PBS.
Storage	≤ -70°C. Avoid freeze/thaw.

GENE INFORMATION

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

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	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