

Recombinant Human HSPB1 Protein, Tag Free

Cat. No. HSPB1-1553H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Hsp27 (1-205aa) was overexpressed in E. coli and purified by conventional chromatography.
Species	Human
Source	E. coli
ProteinLength	1-205aa
Form	Liquid
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Storage Buffer	20mM HEPES buffer (pH 7.4) containing 100mM KCl, 1mM DTT
AA Sequence	MTERRVPFSLLRGPSWDPFRDWYPHSRLFDQAFGLPRLPEEWSQWLGGSSWPGY VRPLPPAAIESPAVAAPAYSRLSRQLSSGVSEIRHTADRWVRVSLDVNHFAPDELTV KTKDGVVEITGKHEERQDEHGYISRCFTRKYTLPPGVDPTQVSSSLSPEGTLTVEAP MPKLATQSNEITIPVTFESRAQLGGPEAAKSDETAAK
Endotoxin	<1 EU/μg by LAL
Purity	> 95% by SDS-PAGE

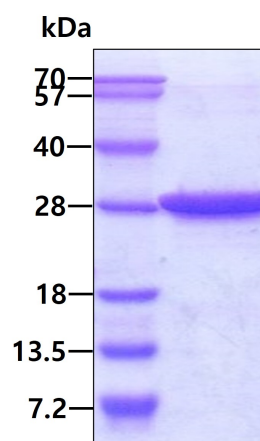
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Applications	SDS-PAGE
Notes	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Concentration	1 mg/mL (determined by Bradford assay)
GENE INFORMATION	
Official Symbol	HSPB1
Synonyms	HSPB1; heat shock 27kDa protein 1; heat shock 27kD protein 1; heat shock protein beta-1; Hs.76067; Hsp25; HSP27; HSP28; HSP 27; 28 kDa heat shock protein; heat shock 27 kDa protein; stress-responsive protein 27; estrogen-regulated 24 kDa protein; CMT2F; HMN2B; SRP27; HS.76067; DKFZp586P1322
Gene ID	3315
mRNA Refseq	NM_001540
Protein Refseq	NP_001531
MIM	602195
UniProt ID	P04792

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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