

Recombinant Human HSPB1 Protein, Tag Free

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

SPECIFICATION

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|-------------------------|---|
| 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 | MTERRVPFLLRGPSWDPFRDWYPHSRLFDQAFGLPRLPEEWSQWLGGSSWPGY VRPLPPAAIESPAVAAPAYSRALSRQLSSGVSEIRHTADRWRVSLDVNHFAPDELTV KTKDGVVEITGKHEERQDEHGYISRCFTRKYTLPPGVDPTQVSSSLSPGTLTVEAP MPKLATQSNEITIPVTFESRAQLGGPEAAKSDETAAK |
| Endotoxin | <1 EU/μg by LAL |
| Purity | > 95% by SDS-PAGE |

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

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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

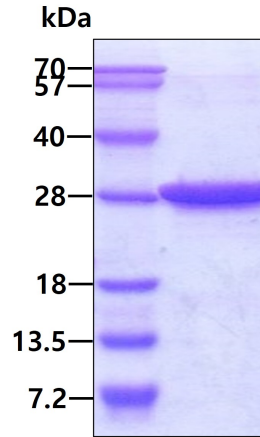
| | |
|------------------------|---|
| Official Symbol | HSPB1 |
| Synonyms | HSPB1; heat shock 27kDa protein 1; heat shock 27kD protein 1; heat shock protein beta-1; Hs.76067; Hsp25; HSP27; HSP28; HSP 27; 28 kDa heat shock protein; heat shock 27 kDa protein; stress-responsive protein 27; estrogen-regulated 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 |

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SDS-PAGE



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

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