

Recombinant Human HSPB3 protein, His-tagged

Cat. No. HSPB3-2729H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSPB3 protein(1-130 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-130 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MAKIILRHLIEIPVRYQEEFEARGLEDCLRDHALYALPGPTIVDLRKTRAAQSPPVDSA AETPPREGKSHFQILLDVVQFLPEDIIIQTFEGWLLIKAQHGTRMDEHGFISRSFTRQY KLPDGVEIKDLS
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	HSPB3 heat shock 27kDa protein 3 [Homo sapiens]
Official Symbol	HSPB3
Synonyms	HSPB3; heat shock 27kDa protein 3; heat shock 27kD protein 3; heat shock protein beta-3; HSPL27; HSP 17; protein 3; heat shock 17 kDa protein; HMN2C; DHMN2C;
Gene ID	8988
mRNA Refseq	NM_006308
Protein Refseq	NP_006299
MIM	604624
UniProt ID	Q12988

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