Recombinant Human HSPB7, T7-tagged

Cat. No. HSPB7-2899H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HumanHSPB7 (1-170 aa) is expressed in E.Coli with a T7 tag at N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-170 a.a.
Description	HSPB7 is a member of HSPB (Heat shock protein beta) family. The HSPB family is one of the more diverse families within the group of HSP families. Some members have chaperone-like activities and/or play a role in cytoskeletal stabilization. Some members also show a dynamic, stress-induced translocation to SC35 splicing speckles. HSPB7 constitutively localized to SC35 splicing speckles, driven by its N-terminus. Unlike HSPB1 and HSPB5, that chaperoned heat unfolded substrates and kept them folding competent, HSPB7 did not support refolding.
MW	20675 Da.
Purity	95%.
Formulation	10 mM Tris. pH 8.0. 0.1% Triton X-100.0.002% NaN3. 10mM DTT.
Application	MS. SDS.

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GENE INFORMATION

Gene Name	HSPB7 heat shock 27kDa protein family, member 7 (cardiovascular) [Homo sapiens]
Synonyms	HSPB7; heat shock 27kDa protein family, member 7 (cardiovascular); cvHSP; FLJ32733; DKFZp779D0968; HSPB7; heat shock protein beta-7; cardiovascular heat shock protein; heat shock 27kD protein family, member 7 (cardiovascular); Cardiovascular heat shock protein; cvHsp; HspB7
Gene ID	27129
mRNA Refseq	NM_014424
Protein Refseq	NP_055239
MIM	610692
UniProt ID	Q9UBY9
Chromosome Location	1p36.23-p34.3
Function	protein C-terminus binding; protein binding

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