Recombinant Human HSPB7, T7 -tagged

Cat. No. HSPB7-26655TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein (Human), T7 tag at N-terminus.
Species	Human
Source	E.coli
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.
Conjugation	T7
Tissue specificity	Isoform 1 is highly expressed in adult and fetal heart, skeletal muscle, and at a much lower levels in adipose tissue and in aorta. Undetectable in other tissues. Isoform 2 and isoform 3 are poorly detected in heart.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 0.002% Sodium AzideConstituents: 0.1% Triton-X-100, 10mM Tris, 10mM DTT, pH 8.0
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.

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Sequence Similarities	Belongs to the small heat shock protein (HSP20) family.
Full Length	Full L.

GENE INFORMATION

Gene Name	HSPB7 heat shock 27kDa protein family, member 7 (cardiovascular) [Homo sapiens]
Official Symbol	HSPB7
Synonyms	HSPB7; heat shock 27kDa protein family, member 7 (cardiovascular); heat shock 27kD protein family, member 7 (cardiovascular); heat shock protein beta-7; cvHSP;
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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