

# Recombinant Full Length Human HSPB7 Protein, GST-tagged

**Cat. No.** HSPB7-3968HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human HSPB7 full-length ORF ( AAH06319, 1 a.a. - 170 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	170 amino acids
<b>Description</b>	This gene encodes a small heat shock family B member that can heterodimerize with similar heat shock proteins. Defects in this gene are associated with advanced heart failure. In addition, the encoded protein may be a tumor suppressor in the p53 pathway, with defects in this gene being associated with renal cell carcinoma. [provided by RefSeq, Mar 2017]
<b>Molecular Mass</b>	44.44 kDa
<b>AA Sequence</b>	MSHRTSSTFRAERSFHSSSSSSSSSTSSSASRALPAQDPPMEKALSMFSDDFGSF MRPHSEPLAFPARPGGAGNIKTLGDAYEFAVDVDRDFSPEDIIVTTSNNHIEVRAEKLA ADGTVMNTFAHKCQLPEDVDPTSVTSALREDGSLTIRARRHPHTEHVQQTFRTEIKI
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	HSPB7 heat shock 27kDa protein family, member 7 (cardiovascular) [ Homo sapiens ]
<b>Official Symbol</b>	HSPB7
<b>Synonyms</b>	HSPB7; heat shock 27kDa protein family, member 7 (cardiovascular); heat shock 27kD protein family, member 7 (cardiovascular); heat shock protein beta-7; cvHSP; cardiovascular heat shock protein; FLJ32733; DKFZp779D0968;
<b>Gene ID</b>	27129
<b>mRNA Refseq</b>	NM_014424
<b>Protein Refseq</b>	NP_055239
<b>MIM</b>	610692
<b>UniProt ID</b>	Q9UBY9

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