

# Recombinant Full Length Human HSPB6 Protein, GST-tagged

**Cat. No.** HSPB6-3967HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human HSPB6 full-length ORF ( AAH68046.1, 1 a.a. - 160 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>	160 amino acids
<b>Description</b>	HSPB6 is associated with actin (see MIM 102540) and modulates smooth muscle relaxation (Tessier et al., 2003 [PubMed 12842460]).[supplied by OMIM
<b>Molecular Mass</b>	43.6 kDa
<b>AA Sequence</b>	MEIPVPVQPSWLRRASAPLLGLSAPGRLFDQRFGEGLLEAELAALCPTTLAPYYLRA PSVALPVAQVPTDPGHFSVLLDVKHFSPEEIAVKVVGEHVEVHARHEERPDEHGFV AREFHRRYRLPPGVDPAAVTSALSPEGVLSIQAAPASAQAPPPAAAK
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.

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**Storage** Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** HSPB6 heat shock protein, alpha-crystallin-related, B6 [ Homo sapiens ]

**Official Symbol** HSPB6

**Synonyms** HSPB6; heat shock protein, alpha-crystallin-related, B6; heat shock protein beta-6; FLJ32389; Hsp20; heat shock 20 kDa-like protein p20;

**Gene ID** 126393

**mRNA Refseq** NM\_144617

**Protein Refseq** NP\_653218

**MIM** 610695

**UniProt ID** O14558

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