

## Recombinant Human HSPB6

**Cat. No.** HSPB6-28487TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length human Hsp20 protein.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	HSPB6 is associated with actin (see MIM 102540) and modulates smooth muscle relaxation (Tessier et al.
<b>Biological activity</b>	Immunoreactivity is confirmed by reaction with monoclonal mouse antibodies against Hsp20.
<b>Form</b>	Lyophilised:Reconstitute in distilled water.
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 20mM Tris acetate, 15mM Beta mercaptoethanol, 10mM Sodium chloride, 0.1mM EDTA, 0.1mM PMSF, pH 7.6
<b>Storage</b>	Frozen Stock (-20C). Shelf life 12 months.
<b>Sequence Similarities</b>	Belongs to the small heat shock protein (HSP20) family.
<b>Full Length</b>	Full L.

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**GENE INFORMATION**

<b>Gene Name</b>	HSPB6 heat shock protein, alpha-crystallin-related, B6 [ Homo sapiens ]
<b>Official Symbol</b>	HSPB6
<b>Synonyms</b>	HSPB6; heat shock protein, alpha-crystallin-related, B6; heat shock protein beta-6; FLJ32389; Hsp20;
<b>Gene ID</b>	126393
<b>mRNA Refseq</b>	NM_144617
<b>Protein Refseq</b>	NP_653218
<b>MIM</b>	610695
<b>Uniprot ID</b>	O14558
<b>Chromosome Location</b>	19q13.13
<b>Function</b>	protein binding; protein homodimerization activity; structural constituent of eye lens;

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