

## Recombinant Human HSPB6 Protein

Cat. No. HSPB6-044H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human HSPB6 protein without tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	172
<b>Description</b>	This locus encodes a heat shock protein. The encoded protein likely plays a role in smooth muscle relaxation.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	20 kDa
<b>AA Sequence</b>	MALWVPVDRFERMMMEDPMRAMDRFGRMGDMDHWMSRRMMPYWRDADHSMLH VGNQKEVINDDKKFAVSLDVKHFKNELKVQLDDRDLTVEGMQEVKTEHGYIKKQF VHRWSLPEDCDLDAVHTELDNHGHLSEAPEDGPSQKQSSAHSSSAEEEEVGDIE PVNKRILYK
<b>Purity</b>	> 95%
<b>Applications</b>	WB
<b>Stability</b>	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term).

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After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

**Storage** At -20 centigrade.

**Concentration** 1 mg/mL

**Storage Buffer** Tris-acetate (pH 7.6). Sterile-filtered colorless solution.

**Reconstitution** Reconstitute in sterile distilled H<sub>2</sub>O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

## GENE INFORMATION

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

**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

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UniProt ID

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