Recombinant Human HSPB6 Protein

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

SPECIFICATION

Product Overview	Recombinant human HSPB6 protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	172
Description	This locus encodes a heat shock protein. The encoded protein likely plays a role in smooth muscle relaxation.
Form	Lyophilized
Molecular Mass	20 kDa
AA Sequence	MALWPVDRFERMMMEDPMRAMDRFGRMGDMDHWMSRRMMPYWRDADHSMLH VGNQKEVINDDKKFAVSLDVKHFKPNELKVQLDDRDLTVEGMQEVKTEHGYIKKQF VHRWSLPEDCDLDAVHTELDNHGHLSIEAPEDGPSQKFQSSAHSSSAEEEEVGDIE PVNKRILYK
Purity	> 95%
Applications	WB
Stability	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 H2O 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	O14558

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