Recombinant Human HSPB6

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

SPECIFICATION

Product Overview	Recombinant full length human Hsp20 protein.
Species	Human
Source	E.coli
Description	HSPB6 is associated with actin (see MIM 102540) and modulates smooth muscle relaxation (Tessier et al.
Biological activity	Immunoreactivity is confirmed by reaction with monoclonal mouse antibodies against Hsp20.
Form	Lyophilised:Reconstitute in distilled water.
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 20mM Tris acetate, 15mM Beta mercaptoethanol, 10mM Sodium chloride, 0.1mM EDTA, 0.1mM PMSF, pH 7.6
Storage	Frozen Stock (-20C). Shelf life 12 months.
Sequence Similarities	Belongs to the small heat shock protein (HSP20) family.
Full Length	Full L.

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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;
Gene ID	126393
mRNA Refseq	NM_144617
Protein Refseq	NP_653218
MIM	610695
Uniprot ID	O14558
Chromosome Location	19q13.13
Function	protein binding; protein homodimerization activity; structural constituent of eye lens;

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