

Recombinant Human HSPB7 protein, T7-tagged

Cat. No. HSPB7-172H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HSPB7 (170 aa) fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	170 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGEFMSHRTSSTFRAERSFHSSSSSSSSSTSSSASRALPAQDP PMEKALSMFSDDFGSMRPHS EPLAFPARPGGAGNIKTLGDAYEFAVDVRDFSPE DIIVTTSNNHIEVRAEKLAADGTMNTFAHKCQLPEDVDPT SVTSALREDGSLTIRAR RHPHTEHVQQTFRTEIKI
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro human cardiomyocytes differentiation / stress regulations study with recombinant HSPB7 protein intracellular delivery methods.2. As soluble/native protein, may be used as enzymatic substrate protein for Kinase, ubiquitin assay.3. May be used for mapping HSPB7 protein binding partner in protein–protein interaction assay.4. May be used as antigen for specific antibody development.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

GENE INFORMATION

Gene Name HSPB7 heat shock 27kDa protein family, member 7 (cardiovascular) [Homo sapiens]

Official Symbol HSPB7

Synonyms

HSPB7; heat shock 27kDa protein family, member 7 (cardiovascular); heat shock 27kD protein family, member 7 (cardiovascular); heat shock protein beta-7; cvHSP; cardiovascular heat shock protein; FLJ32733; DKFZp779D0968;

Gene ID 27129

mRNA Refseq NM_014424

Protein Refseq NP_055239

MIM 610692

UniProt ID Q9UBY9

Chromosome Location 1p36.23-p34.3

Function protein C-terminus binding; protein binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA