

Recombinant Human Heat Shock 27kDa Protein 2, His-tagged

Cat. No. HSPB2-6779H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanHSPB2 protein, fused to His-tag at N-terminus, was expressed in E.coli andpurified by using conventional chromatography.
Species	Human
Source	E.coli
Description	HSPB2, also known asheat shock protein beta-2, belongs to the small heat shock protein (HSP20)family. This protein may regulate the kinase DMPK.
Form	20mM Tris-HCl buffer(pH8.0) containing 20% glycerol, 1mM DTT
Molecular Weight	22.8 kDa (206aa),confirmed by MALDI-TOF
Purity	> 90% by SDS -PAGE
Concentration	: 0.5 mg/ml(determined by Bradford assay)
Sequences of aminoacids	MGSSHHHHHHSSGLVPRGSH MGSHMSGRSV PHAHPATAEY EFANPSRLGE QRFGEGLLPE EILTPTLYHG YYVRPRAAPAGEGSRAGASE LRLSEGKFQA FLDVSHFTPD EVTVRTVDNL LEVSARHPQR LDRHGFVSRE FCRTYVLPADVDPWRVRAAL SHDGILNLEA PRGGRHLDTE VNEVYISLLP APPDPEEEEE AAIVEP
Storage	Can be stored at+4°C short term (1-2 weeks). For long term storage, aliquot and store

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at-20°C or -70°C. Avoid repeated freezing and thawing cycles

Official symbol HSPB2

GENE INFORMATION

Gene Name HSPB2 heat shock 27kDa protein 2 [Homo sapiens]

Synonyms heatshock 27kDa protein 2; LOH11CR1K; MKBP; MGC133245; heat shock 27kD protein 2; heat shock protein beta-2; DMPK-binding protein; heat-shock protein beta-2; HSP27; Hs.78846; OTTHUMP00000234293

Gene ID 3316

mRNA Refseq NM_001541

Protein Refseq NP_001532

MIM 602179

UniProt ID Q16082

Chromosome Location 11q22-q23

Pathway MAPK signaling pathway, organism-specific biosystem

Function enzyme activator activity; protein binding

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