

Product datasheet for **AR50373PU-N**

HSPB2 (1-182, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HSPB2 (1-182, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSGRSV PHAHPATAEY EFANPSRLGE QRFGEGLLPE EILTPTLYHG YYVRPRAAPA GEGSRAGASE LRLSEGKFQA FLDVSHFTPDP EVTVRTVDNL LEVSARHPQR LDRHGFSRE FCRTYVLPAD VDPWRVRAAL SHDGILNLEA PRGGRHLDT E VNEVYISLLP APPDPEEEEE AAIVP
Tag:	His-tag
Predicted MW:	22.8 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human HSPB2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001532
Locus ID:	3316
UniProt ID:	Q16082 , A8KAH6
Cytogenetics:	11q23.1
Synonyms:	Hs.78846; HSP27; LOH11CR1K; MKBP



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Summary:

The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The protein is expressed preferentially in the heart and skeletal muscle. This protein regulates Myotonic Dystrophy Protein Kinase, which plays an important role in maintenance of muscle structure and function. [provided by RefSeq, Dec 2012]

Product images: