

Product datasheet for AR50373PU-S

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

Product data:

OriGene Technologies, Inc.

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Product Type:	Recombinant Proteins
Description:	HSPB2 (1-182, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMSGRSV PHAHPATAEY EFANPSRLGE QRFGEGLLPE EILTPTLYHG YYVRPRAAPA GEGSRAGASE LRLSEGKFQA FLDVSHFTPD EVTVRTVDNL LEVSARHPQR LDRHGFVSRE FCRTYVLPAD VDPWRVRAAL SHDGILNLEA PRGGRHLDTE VNEVYISLLP APPDPEEEEE AAIVEP
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:	<u>NP 001532</u>
Locus ID:	3316
UniProt ID:	<u>Q16082</u> , <u>A8KAH6</u>
Cytogenetics:	11q23.1
Synonyms:	Hs.78846; HSP27; LOH11CR1K; MKBP

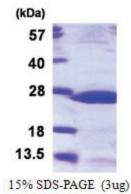


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Summary:The protein encoded by this gene belongs to the superfamily of small heat-shock proteins
containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The
protein is expressed preferentially in the heart and skeletal 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:



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