

Product datasheet for **AR09410PU-L**

HSPB7 (1-170, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HSPB7 (1-170, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MSHRTSSTFR AERSFHSSSS SSSSSTSSSA SRALPAQDPP MEKALSMFSD DFGSFM RPHS EPLAFPARPG GAGNIKTLGD AYEFVDVVRD FSPEDIIVTT SNNHIEVRAE KLAADGTVMN TFAHKCQLPE DVDPTSVTSA LREDGSLTIR ARRHPHTEHV QQTFRTEIKI
Tag:	His-tag
Predicted MW:	20.7 kDa
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 200 mM NaCl, 2 mM DTT, 50% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant HSPB7 protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001336611</u>
Locus ID:	27129
Cytogenetics:	1p36.13
Synonyms:	cvHSP



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Summary:

This gene encodes a small heat shock family B member that can heterodimerize with similar heat shock proteins. Defects in this gene are associated with advanced heart failure. In addition, the encoded protein may be a tumor suppressor in the p53 pathway, with defects in this gene being associated with renal cell carcinoma. [provided by RefSeq, Mar 2017]

Product images: