

Product datasheet for **AR09410PU-N**

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

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | HSPB7 (1-170, His-tag) human recombinant protein, 50 µg |
| 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 AYEFVDVVD 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: