

## Product datasheet for **AR09464PU-N**

### HSPBP1 (1-362, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	HSPBP1 (1-362, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MSDEGSRGSR LPLALPPASQ GCSSGGGGGG GGGSSAGGSG NSRPPRNMQG LLQMAITAGS EEPDPPPEPM SEERRQWLQE AMSAAFRRGQR EEVEQMKSCS RVLSQPMPT AGEAEQAADQ QEREGALELL ADLCENMDNA ADFCQLSGMH LLVGRYLEAG AAGLRWRAAQ LIGTCSQNV AAIQEQVLGLG ALRKLRLLD RDACDTRVK ALFAISLVR EQEAGLLQFL RLDGFSVLMR AMQQVQKLK VKSAFLQNL LVGHPEHKG T LCSMGMVQQL VALVRTEHSP FHEHVLGALC SLVTDFFPQGV RECREPELGL EELLRHRCQL LQQHEEYQEE LEFCEKLLQT CFSSPADDSM DR
Tag:	His-tag
Predicted MW:	41.6 kDa
Concentration:	lot specific
Purity:	>95% by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 30% glycerol, 2 mM EDTA, 0.1 M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human HSPBP1, fused to His-tag at N-terminus, 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_001123578</u>
Locus ID:	23640
UniProt ID:	<u>Q9NZL4</u>



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Cytogenetics: 19q13.42

Synonyms: FES1

Summary: Inhibits HSPA1A chaperone activity by changing the conformation of the ATP-binding domain of HSPA1A and interfering with ATP binding. Interferes with ubiquitination mediated by STUB1 and inhibits chaperone-assisted degradation of immature CFTR.[UniProtKB/Swiss-Prot Function]

### Product images:

