

**HSPBAP1, 1-488aa, Human, His tag, E.coli**

**Cat.NO.: TP02539**

3th Edition

**Synonyms:**HSPB1-associated protein 1, PASS1

**Description:**HSPBAP1, also known as HSPB1 associated protein 1, is a 25 kDa putative jumonji C containing protein. This protein plays a role in regulating stress response in the living cell. HSPBAP1 Interacts with CRYAB and HSPB1. Recombinant human HSPBAP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**Form:**Liquid. In phosphate-buffered saline(pH 7.4)

**Molecular Weight:**57.3 kDa (508aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMAAGSEATTPVIVAAGAGGEEGEHVKPFKPEKAKEIIMSLQQPAIFCNMVFWDWPA  
RHWNAYLSQVLHGKQIRFRMGMKSMSTVPQFETTCNYVEATLEEFLLTWNCDSISGPFRDYDHSKFWAYADY  
KYFVSLFEDKTDLFQDVKWSDFGFPGRNGQESTLWIGSLGAHTPCHLDSYGCNLVFQVQGRKRWHLPFPEDTPFL  
YPTRIPYEESVFSKINVVNPD LKRFPQFRKAQRHAVTLSPGQVLFVPRHWWHYVESIDPVTVSINSWIELEEDHLA  
RVEEAITRMLVCALKTAENPQNTRAWLNPTEVEETSHAVNCCYLNAAVSAFFDRCRTSEVVEIQALRTDGEHMKKE  
ELNVCNHMEVGQTGSQNLTTGTDKPEAASPFGLPVAQRSEPPSERGGIFGSDGKDFVDKDGHEHFGKLHCA  
KRQQIMSNSENAIEEQIASNTTTTPQTFISTDDLLDCLVNPQVTRIVAQLLIQGRSL

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.