

Recombinant human HSPBAP1 protein

Catalog Number: ATGP1051

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-488aa

UniProt No.

Q96EW2

NCBI Accession No.

NP_078886

Alternative Names

HSPB1-associated protein 1, PASS1

PRODUCT SPECIFICATION

Molecular Weight

57.3 kDa (508aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4)

Purity

> 80% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

HSPBAP1, also known as HSPB1 associated protein 1, contains a jumonji C (JMJC) domain. 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.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH> MAAGSEATTP VIVAAGAGGE EGEHVKPFKP EKAKEIIMSL QQPAIFCNMV

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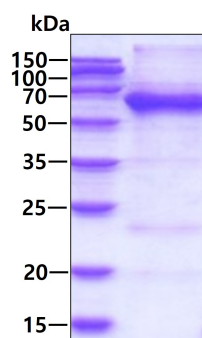
FDWPARHWN A KYLSQVLHGK QIRFRMG MKS MSTVPQFETT CNYVEATLEE FLTWNCDQSS ISGPFRDYDH SKFWAYADYK
YFVSLFEDKT DLFQDVKWS D FGFPGRNGQE STLWIGSLGA HTPCHLDSYG CNLVFQVQGR KRWHLFPPED TPFLYPTRIP
YEESVFSKI NVVNPDLKRF PQFRKAQRHA VTLSPGQVLF VPRHWWHYVE SIDPVTVSIN SWIELEEDHL ARVEEAITRM
LVCALKTAEN PQNTRAWLNP TEVEETSHAV NCCYLNAAVS AFFDRCRTSE VVEIQALRTD GEHMKKEELN VCNHMEVGQT
GSQNLTTGTD KPEAASPF GP DLVPVAQRSE EPPSERGGIF GSDGKDFVDK DGEHFGKLHC AKRQQIMSNS ENAIEEQIAS
NTTTTPQTFI STDDLLDCLV NPQVTRIVAQ LLIQGRSL

General References

Jiang M., et al. (2001) Cytogenet. Cell Genet. 95:48-51
Liu C., et al. (2000) J. Biol. Chem. 275:18724-18731

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.