

Product information

STAMBP, 1-424aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1923

Full name: STAM-binding protein

NCBI Accession No.: NP_998787

Synonyms: AMSH

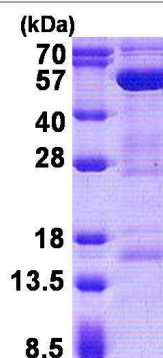
Description: Cytokine-mediated signal transduction in the JAK-STAT cascade requires the involvement of adaptor molecules. One such signal-transducing adaptor molecule contains an SH3 domain that is required for induction of MYC and cell growth. STAMBP binds to the SH3 domain of the signal-transducing adaptor molecule, and plays a critical role in cytokine-mediated signaling for MYC induction and cell cycle progression. Recombinant human STAMBP protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl,
10% glycerol, 1mM DTT

Molecular Weight: 50 kDa (447aa)

Purity: > 85% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSSLVPRGSH MGSMDSHGDV SLPPEDRVRA LSQLGSAVEV NEDIPPRRYF RSGVEIIRMA SIYSEEGNIE HAFILYNYKI
TLFIEKLPHK RDYKSAVPE KKDTVKKLKE IAFPKAEELK AELLKRYTKE YTEYNEEKKK EAEELARNMA IQQELEKEKQ RVAQQKQQQL
EQEQHFHAFEE MIRNQELEKE RLKIVQEFQK VDPGLGGPLV PDLEKPSLDV FPTLTVSSIQ PSDCHTTVRP AKPPVVDRLS KPGALSNSSES
IPTIDGLRHV VVPGRLCPQF LQLASANTAR GVETCGILCG KLMRNEFTIT HVLIPKQSAG SDYCNTEENEE ELFLIQDQQG LITLGIWHTH
PTQTAFLLSSV DLHTHCSYQM MLPESVAIVC SPKFQETGFF KLTDHGLEEI SSCRQKGFHP HSKDPPLFCS CSHVTVDVRA VTITDLR

General references:

Li H, *et al.* (2004). *Oncogene*. 23(10):1801-8.

Endo K, Takeshita T, *et al.* (2000). *FEBS Lett.* 477(1-2):55-61.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



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