

STAMBP, 1-424aa Human, His tag, E.coli

Cat.NO.: TP04048

3th Edition

Synonyms: STAM-binding protein, 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)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMDSHGVDVSLPPEDRVRALSQLGSAVEVNEDIPPRRYFRSGVEIIRMASIYSE
EGNIEHAFILYNKYITLFIKLPKHRDYKSAVIPEKKDVTVKLKEIAFPKAEELKAELLKRYTKEYTEYNEEKKKEAEELA
RNMAIQQELEKEKQRVAQQKQQLEQEQFHAFEE MIRNQELEKERLKIVQEFQKVDPLGGPLVPDLEKPSLDVF
PTLTVSSIQPSDCHTTVRPAKPPVDRSLKPGALSNSESIPTIDGLRHVVPGRLCPQLQLASANTARGVETCGILC
GKLMRNEFTITHVLIPKQSAGSDYCNTENEEELFIQDQQGLITLGIHTHTPTQTAFLLSSVDLHHTCSYQMMLPESV
AIVCSPKFQETGFFKLTDHGLEEISSCRQKGFHPHSDPPLFCSCSHVTVVDRAVTITDLR

Purity: > 95% by HPLC

Concentration: 1 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.