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Recombinant human AMSH/STAMBP protein

Catalog Number: ATGP1923

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-424aa

UniProt No.

095630

NCBI Accession No.

NP 998787.1

Alternative Names

STAM-binding protein, AMSH

PRODUCT SPECIFICATION

Molecular Weight

50.5 kDa (447aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 85% 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

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.



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Amino acid Sequence

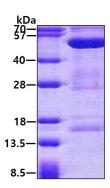
<MGSSHHHHHH SSGLVPRGSH MGS>MSDHGDV SLPPEDRVRA LSQLGSAVEV NEDIPPRRYF RSGVEIIRMA SIYSEEGNIE HAFILYNKYI TLFIEKLPKH RDYKSAVIPE KKDTVKKLKE IAFPKAEELK AELLKRYTKE YTEYNEEKKK EAEELARNMA IQQELEKEKQ RVAQQKQQQL EQEQFHAFEE MIRNQELEKE RLKIVQEFGK VDPGLGGPLV PDLEKPSLDV FPTLTVSSIQ PSDCHTTVRP AKPPVVDRSL KPGALSNSES IPTIDGLRHV VVPGRLCPQF LQLASANTAR GVETCGILCG KLMRNEFTIT HVLIPKQSAG SDYCNTENEE ELFLIQDQQG LITLGWIHTH PTQTAFLSSV DLHTHCSYQM MLPESVAIVC SPKFQETGFF KLTDHGLEEI SSCRQKGFHP HSKDPPLFCS CSHVTVVDRA 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.

DATA

SDS-PAGE



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

