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# **Recombinant human AMSH-LP protein**

Catalog Number: ATGP1955

#### PRODUCT INFORMATION

### **Expression system**

E.coli

#### **Domain**

1-436aa

#### **UniProt No.**

Q96FI0

#### **NCBI Accession No.**

NP 065850

#### **Alternative Names**

AMSH-like protease, AMSH-like protease, ALMalpha, AMSH-FP, AMSH-LP, bA399019.2

# PRODUCT SPECIFICATION

### **Molecular Weight**

52.1 kDa (458aa)

#### Concentration

0.5mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 0.1mM PMSF

#### **Purity**

> 90% 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**

STAMBPL1 is a zinc metalloprotease that specifically cleaves 'Lys-63'-linked polyubiquitin chains, but doesn't cleave 'Lys-48'-linked polyubiquitin chains. The JAMM motif is essential for the protease activity. Recombinant human STAMBPL1 protein, fused to His-tag at N-terminus was expressed in E. coli and purified by using conventional chromatography techniques.

## **Amino acid Sequence**

<MGSSHHHHHH SSGLVPRGSQ SH>MDQPFTVN SLKKLAAMPD HTDVSLSPEE RVRALSKLGC NITISEDITP



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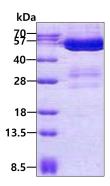
RRYFRSGVEM ERMASVYLEE GNLENAFVLY NKFITLFVEK LPNHRDYQQC AVPEKQDIMK KLKEIAFPRT DELKNDLLKK YNVEYQEYLQ SKNKYKAEIL KKLEHQRLIE AERKRIAQMR QQQLESEQFL FFEDQLKKQE LARGQMRSQQ TSGLSEQIDG SALSCFSTHQ NNSLLNVFAD QPNKSDATNY ASHSPPVNRA LTPAATLSAV QNLVVEGLRC VVLPEDLCHK FLQLAESNTV RGIETCGILC GKLTHNEFTI THVIVPKQSA GPDYCDMENV EELFNVQDQH DLLTLGWIHT HPTQTAFLSS VDLHTHCSYQ LMLPEAIAIV CSPKHKDTGI FRLTNAGMLE VSACKKKGFH PHTKEPRLFS ICKHVLVKDI KIIVLDLR

#### **General References**

Nakamura M, Tanaka N, et al. (2006). Genes Cells. 11(6):593-606. Kikuchi K, Ishii N, et al. (2003). Biochem Biophys Res Commun. 306(3):637-43.

#### **DATA**

# **SDS-PAGE**



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

