

Recombinant Human STAMBPL1, His-tagged

Cat. No. STAMBPL1-7255H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human STAMBPL1 protein, fused to His-tag at N-terminus was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
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.
source	E. coli
species	Human
tag	His
form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol.
molecular mass	52 kDa (458aa)
aa sequence	MGSSHHHHHH SSGLVPRGSQ SHMDQPFTVN SLKKLAAMPD HTDVSLSP EE RVRALSKLGC NITISEDITP RRYFRSGVEM ERMASVYLEEGNLEN AFVLY NKFITLFVEK LPNHRDYQQC AVPEKQDIMK KLKEIAFPRT DELKNDLLKK YNVEYQEYLQ SKNKYKAEIL KKLEHQRLIE AERKRIAQMR QQQLESEQFL

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FFEDQLKKQE LARGQMRSSQ TSGLSEQIDG SALSCFSTHQ NNSLLNVFAD
QPNKSDATNY ASHSPPVNRALTPAATLSAV QNLVVEGLRC VLPEDLCHK
FLQLAESNTV RGIETCGILC GKLTHNEFTI THVIVPKQSA GPDYCDMENV
EELFNVQDQH DLLTLGWIHT HPTQTAFSS VDLHTHCSYQ LMLPEAIAIV
CSPKHKDTGI FRLTNAGMLE VSACKKKGFH PHTKEPRLFS
ICKHVLVKDIKIVLDLR

purity	>90% by SDS - PAGE
applications	SDS-PAGE
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.
concentration	0.5 mg/ml

GENE INFORMATION

gene name	STAMBPL1 STAM binding protein-like 1 [Homo sapiens]
official symbol	STAMBPL1
synonyms	STAMBPL1; STAM binding protein-like 1; AMSH-like protease; ALMalpha; AMSH FP; AMSH LP; associated molecule with the SH3 domain of STAM (AMSH) Family Protein; associated molecule with the SH3 domain of STAM (AMSH) like protein; bA399O19.2; FLJ31524; KIAA1373; associated molecule with the SH3 domain of STAM (AMSH) - Family Protein; AMSH-FP; AMSH-LP;
Gene ID	57559
mrna refseq	NM_020799

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protein refseq	NP_065850
mim	612352
uniprot id	Q96FJ0
chromosome location	10q23.32
pathway	TGF-beta Receptor Signaling Pathway, organism-specific biosystem;
function	metal ion binding; metallopeptidase activity; peptidase activity; protein binding;

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