

# Recombinant Human STAMBPL1, His-tagged

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

## SPECIFICATION

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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA