

Datasheet for ABIN7558168

STAMBPL1 Protein (AA 1-436) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	STAMBPL1
Protein Characteristics:	AA 1-436
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STAMBPL1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Stambpl1 Protein expressed in mammalian cells.
Sequence:	MEQPFTVNSL KKLAAMPDHT DVSLSPPEERV RALSKLGCNI SINEDITPRR YFRSGVEMER MASVYLEEGN LENAFLVLYNK FITLFVEKLP SHRDYQQCAV PEKQDIMKKL KEIAFPRTDE LKTDLLRKYN IEYQEYLQSK NKYKAEILKK LEHQRLIEAE RQRIAQMRQQ QLESEQLFF EDQLKKQELA RGQIRGQDSP VLSEQTDGSA LSCFSTHQSN SLRNAFADHP HKSDGNSNFAN YSPPVNRALK PAATLSAVQN LVVEGLRCVV LSRDLCHKFL LLADSNTVRG IETCGILCGK LTHNEFTITH VVVPKQSAGP DYCDVENVEE LFNVDQDQHL LTLGWIHHP TQTAFLSSVD LHTHCSYQLM LPEAIAIVCS PKHKDTGIFR LTNAGMLEVS TCKKKGFHHP TKDPKLFSLC SHVLVKDIKT TVLDLR Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

STAMBPL1

Alternative Name:

Stambpl1 ([STAMBPL1 Products](#))

Background:

AMSH-like protease (AMSH-LP) (EC 3.4.19.-) (AMSH family protein) (AMSH-FP) (STAM-binding protein-like 1),FUNCTION: Zinc metalloprotease that specifically cleaves 'Lys-63'-linked polyubiquitin chains. Acts as a positive regulator of the TORC1 signaling pathway by mediating 'Lys-63'-linked deubiquitination of SESN2, thereby inhibiting SESN2-interaction with the GATOR2 complex. Does not cleave 'Lys-48'-linked polyubiquitin chains.
{ECO:0000250|UniProtKB:Q96FJ0}.

Molecular Weight:

49.6 kDa

UniProt:

[Q76N33](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months