9051 Mira Mesa Blvd, #910094
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STAMBPL1 Human

STAM Binding Protein Like 1 Human Recombinant
RCP2256

Product Overview

Name	STAMBPL1 Human

Description

STAM Binding Protein Like 1 Human Recombinant

Accession (Primary)	Q96FJ0

Synonyms

ALMalpha, AMSH-FP, AMSH-LP, bA399O19.2, AMSH-like protease, STAM Binding Protein Like 1, STAMBPL1, AMSHLP, KIAA1373.

Introduction

STAM Binding Protein Like 1 (STAMBPL1) is a zinc metalloprotease which specifically cleaves 'Lys-63'-linked polyubiquitin chains, however, it doesn’t cleave 'Lys-48'-linked polyubiquitin chains. STAMBPL1 binds 2 zinc ions per subunit. The JAMM motif is vital for the protease activity. STAMBPL1 is a member of the peptidase M67C family. STAMBPL1 contains 1 MPN (JAB/Mov34) domain.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The STAMBPL1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl and 20% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSQ SH MDQPFTVN SLKKLAAMPD HTDVSLSPEE RVRALSKLGC NITISEDITP RRYFRSGVEM ERMASVYLEE GNLENAFVLY NKFITLFVEK LPNHRDYQQC AVPEKQDIMK KLKEIAFPRT DELKNDLLKK YNVEYQEYLQ SKNKYKAEIL KKLEHQRLIE AERKRIAQMR QQQLESEQFL FFEDQLKKQE LARGQMRSQQ TSGLSEQIDG SALSCFSTHQ NNSLLNVFAD QPNKSDATNY ASHSPPVNRA LTPAATLSAV

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QNLVVEGLRC VVLPEDLCHK FLQLAESNTV RGIETCGILC GKLTHNEFTI THVIVPKQSA GPDYCDMENV EELFNVQDQH DLLTLGWIHT HPTQTAFLSS VDLHTHCSYQ LMLPEAIAIV CSPKHKDTGI FRLTNAGMLE VSACKKKGFH PHTKEPRLFS ICKHVLVKDI KIIVLDLR.

Precautions

STAMBPL1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96FJ0)