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32-4974: Recombinant Human STAM Binding Protein Like 1

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

Description

Source : Escherichia Coli. STAMBPL1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 458 amino acids (1-436) and having a molecular mass of 52 kDa. STAMBPL1 is fused to a 22 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The STAMBPL1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl and 20% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSQ SHMDQPFTVN 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 QNLVVEGLRC VVLPEDLCHK FLQLAESNTV RGIETCGILC GKLTHNEFTI THVIVPKQSA GPDYCDMENV EELFNVQDQH DLLTLGWIHT HPTQTAFLSS VDLHTHCSYQ LMLPEAIAIV CSPKHKDTGI FRLTNAGMLE VSACKKKGFH PHTKEPRLFS ICKHVLVKDI KIIVLDLR.

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