

Recombinant Human STAMBPL1 Protein (D2-R436), His tagged

Cat. No. STAMBPL1-1351S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 6His-TEV-GG-AMSH(S2-R424 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	D2-R436
Description	Zinc metalloprotease that specifically cleaves 'Lys-63'-linked polyubiquitin chains. Does not cleave 'Lys-48'-linked polyubiquitin chains. Plays a role in signal transduction for cell growth and MYC induction mediated by IL-2 and GM-CSF. Potentiates BMP (bone morphogenetic protein) signaling by antagonizing the inhibitory action of SMAD6 and SMAD7. Has a key role in regulation of cell surface receptor-mediated endocytosis and ubiquitin-dependent sorting of receptors to lysosomes. Endosomal localization of STAMBPL1 is required for efficient EGFR degradation but not for its internalization. Involved in the negative regulation of PI3K-AKT-mTOR and RAS-MAP signaling pathways.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%

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Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	STAMBPL1 STAM binding protein like 1 [Homo sapiens (human)]
Official Symbol	STAMBPL1
Synonyms	STAMBPL1; STAM binding protein like 1; AMSH-FP; AMSH-LP; ALMalpha; bA399O19.2; AMSH-like protease; associated molecule with the SH3 domain of STAM (AMSH) - Family Protein; associated molecule with the SH3 domain of STAM (AMSH) like protein; EC 3.1.2.15
Gene ID	57559
mRNA Refseq	NM_020799
Protein Refseq	NP_065850
MIM	612352
UniProt ID	Q96FJ0

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