

# Recombinant Human STAMPB Protein (Lys126-Ser368), His tagged

Cat. No. STAMPB-5564H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human STAMPB (Lys126-Ser368) fused with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Lys126-Ser368
<b>Description</b>	Zinc metalloprotease that specifically cleaves 'Lys-63'-linked polyubiquitin chains. Does not cleave 'Lys-48'-linked polyubiquitin chains (By similarity). 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 STAMPB is required for efficient EGFR degradation but not for its internalization (By similarity). Involved in the negative regulation of PI3K-AKT-mTOR and RAS-MAP signaling pathways.
<b>Form</b>	Lyophilized powder/frozen liquid
<b>Molecular Mass</b>	27.73 kDa
<b>Purity</b>	> 90 % as determined by SDS-PAGE

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<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
<b>Storage Buffer</b>	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Shipping</b>	They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

<b>Gene Name</b>	STAMBP STAM binding protein [ Homo sapiens (human) ]
<b>Official Symbol</b>	STAMBP
<b>Synonyms</b>	STAMBP; STAM binding protein; STAM-binding protein; AMSH; endosome-associated ubiquitin isopeptidase; associated molecule with the SH3 domain of STAM; MGC126516; MGC126518;
<b>Gene ID</b>	10617
<b>mRNA Refseq</b>	NM_006463
<b>Protein Refseq</b>	NP_006454
<b>MIM</b>	606247
<b>UniProt ID</b>	O95630

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