

## Active Recombinant Human STMBP

Cat. No. STMBP-1086H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human STMBP (Accession # O95630), fused with , was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
<b>Species</b>	Human
<b>Source</b>	Sf21 Cells
<b>Form</b>	X mg/ml (X $\mu$ M) in 50 mM HEPES pH 8.0, 150 mM NaCl, 10% Glycerol (v/v), 1 mM TCEP
<b>Bio-activity</b>	Recombinant Human AMSH is a Ubiquitin-specific deconjugating enzyme. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human AMSH concentration of 100-500 nM. AMSH activity is partially or fully inhibited by DTT at concentrations above 1 mM.
<b>Molecular Mass</b>	Recombinant Human STMBP has a calculated MW of 48 kDa.
<b>Purity</b>	>85%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

### GENE INFORMATION

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<b>Gene Name</b>	STAMBP STAM binding protein [ Homo sapiens ]
<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
<b>Chromosome Location</b>	2p24.3-p24.1

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