

Active Recombinant Human STAMPB Protein (Full Length), N-His-tagged

Cat. No. STAMPB-11H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human AMSH was expressed by baculovirus in Sf9 insect cells using an N-terminal His tag.
Species	Human
Source	Insect Cells
Description	Cytokine-mediated signal transduction in the JAK-STAT cascade requires the involvement of adaptor molecules. One such signal-transducing adaptor molecule contains an SH3 domain that is required for induction of MYC and cell growth. The protein encoded by this gene binds to the SH3 domain of the signal-transducing adaptor molecule, and plays a critical role in cytokine-mediated signaling for MYC induction and cell cycle progression. Multiple alternatively spliced transcript variants encoding the same protein isoform have been found for this gene.
Bio-activity	212 nmol/min/mg
Molecular Mass	54 kDa
Purity	> 70%
Stability	One year at -70 centigrade from date of shipment.
Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller

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quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Concentration 0.1 µg/µL

Storage Buffer Recombinant protein stored in 50mM sodium phosphate, pH 7.0 300mM NaCl, 1 50mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.

Shipping On dry ice

GENE INFORMATION

Gene Name STAMPB STAM binding protein [Homo sapiens (human)]

Official Symbol STAMPB

Synonyms STAMPB; STAM binding protein; AMSH; MICCAP; STAM-binding protein; associated molecule with the SH3 domain of STAM; endosome-associated ubiquitin isopeptidase; testicular secretory protein Li 54; EC 3.1.2.15

Gene ID 10617

mRNA Refseq NM_006463

Protein Refseq NP_006454

MIM 606247

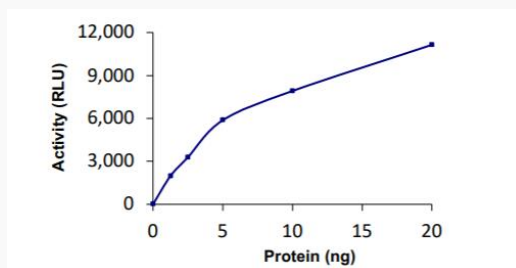
UniProt ID O95630

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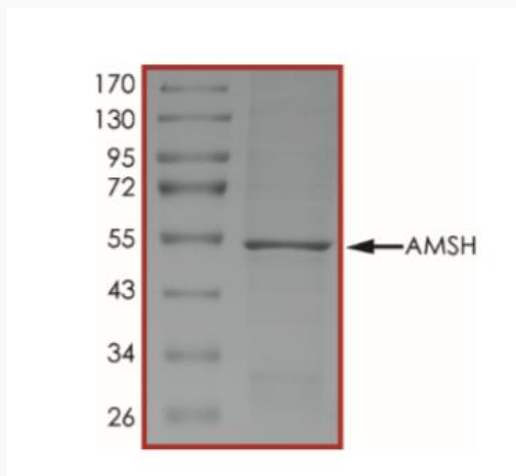
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Activity



The specific activity of AMSH was determined to be 212 nmol/min/mg as per activity assay protocol.

Purity



The purity of AMSH was determined to be > 70% by densitometry, approx. MW 54 kDa.