

Recombinant Mouse Stam Protein, Myc/DDK-tagged

Cat. No. Stam-6157M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length signal transducing adaptor molecule (SH3 domain and ITAM motif) 1 (Stam), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in intracellular signal transduction mediated by cytokines and growth factors. Upon IL-2 and GM-CSF stimulation, it plays a role in signaling leading to DNA synthesis and MYC induction. May also play a role in T-cell development. Involved in down-regulation of receptor tyrosine kinase via multivesicular body (MVBs) when complexed with HGS (ESCRT-0 complex). The ESCRT-0 complex binds ubiquitin and acts as sorting machinery that recognizes ubiquitinated receptors and transfers them to further sequential lysosomal sorting/trafficking processes.
Molecular Mass	59.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Stam signal transducing adaptor molecule (SH3 domain and ITAM motif) 1 [Mus musculus (house mouse)]

Official Symbol [Stam](#)

Synonyms STAM; signal transducing adaptor molecule (SH3 domain and ITAM motif) 1; signal transducing adapter molecule 1; STAM-1; STAM1

Gene ID [20844](#)

mRNA Refseq [NM_011484](#)

Protein Refseq [NP_035614](#)

UniProt ID [P70297](#)

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