

Recombinant Human STAM Protein, MYC/DDK-tagged

Cat. No. STAM-2850H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human STAM protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	Involved in intracellular signal transduction mediated by cytokines and growth factors. Upon IL-2 and GM-CSL 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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	59 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	STAM signal transducing adaptor molecule (SH3 domain and ITAM motif) 1 [Homo sapiens]
Official Symbol	STAM
Synonyms	STAM-1; STAM1
Gene ID	8027
mRNA Refseq	NM_003473
Protein Refseq	NP_003464
MIM	601899
UniProt ID	Q92783

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