

Recombinant Full Length Human STAM Protein, C-Flag-tagged

Cat. No. STAM-1315HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human STAM Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the signal-transducing adaptor molecule family. These proteins mediate downstream signaling of cytokine receptors and also play a role in ER to Golgi trafficking by interacting with the coat protein II complex. The encoded protein also associates with hepatocyte growth factor-regulated substrate to form the endosomal sorting complex required for transport-0 (ESCRT-0), which sorts ubiquitinated membrane proteins to the ESCRT-1 complex for lysosomal degradation. Alternatively spliced transcript variants have been observed for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	59 kDa
AA Sequence	MPLFATNPFDQDVEKATSEMNTAEDWGLILDICDKVGQSRTGPKDCLRSIMRRVNH KDPHVAMQALTLLG ACVSNCGKIFHLEVCSRDFASEVSNVLNKGHPKVCEKALKALM VEWTDEFKNDPQLSLISAMIKNLKEQGV TFPAGSQAAEQAKASPALVAKDPGTVAN KKEEEDLAKAIELSLKEQRQQSTTLSTLYPSTSSLLTNHQH EGRKVRAIYDFEAAED NELTFKAGEIITVLDDSDPNWWKGETHQGIGLFPSNFVTADLTAEPEDIKTEKK TVQ FSDDVQVETIEPEPEPAFIDEDKMDQLLQMLQSTDPSDDQPDLPELLHLEAMCHQM

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GPLIDEKLEDI DRKHSELSELNVKVMEALSLYTKLMNEDPMYSMYAKLQNQPYYMQ
 SSGVSGSQVYAGPPPSGAYLVAGNA QMSHLQSYSLPPEQLSSLSQAVVPPSANPA
 LPSQQTQAAYPNTMVSSVQGNTYPSQAPVYSPPPAATAAA
 ATADVTLYQNAGPNMPQVPNYNLTSSSTLPQPGGSQQPQPQPPYSQKALLTRTRP
 LEQKLISEEDLAANDILDYKDDDDKV

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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Endocytosis, Jak-STAT signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	STAM signal transducing adaptor molecule [Homo sapiens (human)]
Official Symbol	STAM
Synonyms	STAM1; STAM-1
Gene ID	8027

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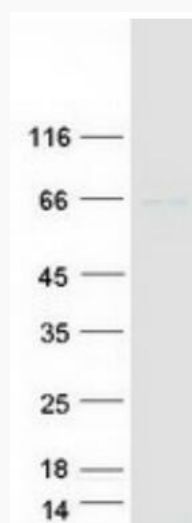
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mRNA Refseq [NM_003473.4](#)

Protein Refseq [NP_003464.1](#)

MIM [601899](#)

UniProt ID [Q92783](#)



Coomassie blue staining of purified STAM protein.

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