

Recombinant Human STAM Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. STAM-1307H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	STAM MS Standard C13 and N15-labeled recombinant protein (NP_003464) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	59 kDa
AA Sequence	MPLFATNPFDQDVEKATSEMNTAEDWGLILDICDKVGQSRTGPKDCLRSIMRRVNH KDPHVAMQALTLLGACVSNCGKIFHLEVCSRDFASEVSNVLNKGHPKVCEKALKALM VEWTFDEFKNDPQLSLISAMIKNLKEQGVTFFAIGSQAAEQAKASPALVAKDPGTVAN KKEEEDLAKAIELSLKEQRQQSTTLSTLYPSTSSLLTNHQHEGRKVRAIYDFEAAEDN ELTFKAGEIITVLDDSDPNWWKGETHQGIGLFPSNFVTADLTAEPEDIKTEKKTQVQFS DDVQVETIEPEPEPAFIDEDKMDQLLQMLQSTDPSDDQPDLPPELLHLEAMCHQMGP

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LIDEKLEDIDRKHSELSELNKVM EALSLYTKLMNEDPMYSMYAKLQNQPYYMQSS
GVSGSQVYAGPPPSGAYLVAGNAQMSHLQSYSLPPEQLSSLSQAVVPPSANPALP
SQQTQAAYPNTMVSSVQGNTYPSQAPVYSPPPAATAAAATADVTLYQNAGPNMPQ
VPNYNLTSSSTLPQP GGSQPPQPQPYSQKALLTRTRPLEQKLISEEDLAANDILDY
KDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name STAM signal transducing adaptor molecule [Homo sapiens (human)]

Official Symbol STAM

Synonyms STAM; signal transducing adaptor molecule (SH3 domain and ITAM motif) 1; signal transducing adapter molecule 1; HSE1 homolog (S. cerevisiae); STAM1; HSE1 homolog; STAM-1; DKFZp686J2352;

Gene ID 8027

mRNA Refseq NM_003473

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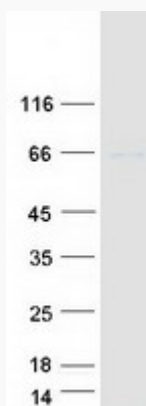
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Protein Refseq NP_003464

MIM 601899

UniProt ID Q92783

SDS-PAGE



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