

Product datasheet for PH319230

STAM1 (STAM) (NM_003473) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	STAM MS Standard C13 and N15-labeled recombinant protein (NP_003464)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219230
Predicted MW:	59 kDa
Protein Sequence:	>RC219230 representing NM_003473 Red=Cloning site Green=Tags(s)

MPLFATNPFQDVEKATSEMNTAEDWGLILDICDKVQSRTPGPKDCLRSIMRRVNHKDPHVAMQALTLG
ACVSNCGKIFHLEVCSRDFASEVSNVLNKGHPKVCEKLMVWEWTFKNDPQLSLISAMIKNLKEQGV
TFPAIGSQAAEQAKASPALVAKDPGTVANKKEEEDLAKAIELSLKEQRQSTTLSTLYPSTSSLLTNHQH
EGRKVRAIYDFEAAEDNELTFKAGEIITVLDDSDPNWWKGETHQIGLFPNFTADLTAPEMIKTEKK
TVQFSDDVQVETIEPEPEPAFIDEDKMDQLLQMLQSTDPDQPDPELLHLEAMCHQMGPLIDEKLEDI
DRKHSELSELVKVMESLYTKLMNEDPMYSMYAKLQNPYYMQSSGVSQVYAGPPPSGAYLVAGNA
QMSHLQSYSLPPEQLSSLQAVVPPSANPALPSQQTQAAYPNTMVSSVQNTYPSQAPVYSPPPAATAAA
ATADVTLYQAGPNMPQVPNYNLTSSTLPQPGGSQPPQPQPPYSQKALL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003464
RefSeq Size:	2967
RefSeq ORF:	1620



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Synonyms: STAM-1; STAM1

Locus ID: 8027

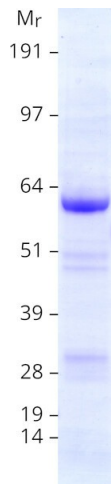
UniProt ID: [Q92783](#)

Cytogenetics: 10p12.33

Summary: 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. [provided by RefSeq, Feb 2011]

Protein Pathways: Endocytosis, Jak-STAT signaling pathway

Product images:



Coomassie blue staining of purified STAM protein (Cat# [TP319230]). The protein was produced from HEK293T cells transfected with STAM cDNA clone (Cat# [RC219230]) using MegaTran 2.0 (Cat# [TT210002]).