

## Product datasheet for TP319230

### STAM1 (STAM) (NM\_003473) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human signal transducing adaptor molecule (SH3 domain and ITAM motif) 1 (STAM), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219230 representing NM_003473 Red=Cloning site Green=Tags(s)

MPLFATNPFQDVEKATSEMNTAEDWGLILDICDKVQSRTGPKDCLRSIMRRVNHKDPHVAMQALTLG  
ACVSNCGKIFHLEVCSRDFASEVSNVLNKGHPKVCEKALKMVEWTDEFKNDPQLSLISAMIKNLKEQGV  
TFPAIGSQAAEQAKASPALVAKDPGTVANKKEEEDLAKAIELSLKEQRQQSTLSTLYPSTSSLLTNHQH  
EGRKVRAIYDFEAAEDNELTFKAGEIITVLDDSDPNWWKGETHQGIGLFPNFTADLTAEPEMIKTEKK  
TVQFSDDVQVETIEPEPEPAFIDEDKMDQLLQMLQSTDPDQPDPELLHLEAMCHQMGPLIDEKLEDI  
DRKHSELSELNKVMKMEALSLYTKLMNEDPMYSMYAKLQNPYYMQSSGVSQVYAGPPPSGAYLVAGNA  
QMSHLQSYSLPPEQLSSLSQAVPPSANPALPSQQTQAAYPNTMVSSVQGNTPSQAPVYSPPPAATAAA  
ATADVTLYQNAGPNMPQVPNYNLTSSSTLPQPGGSQPPQPQPYSQKALL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

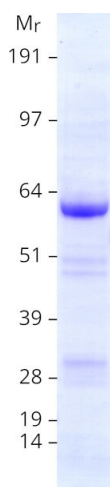
Tag:	C-Myc/DDK
Predicted MW:	59 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_003464</a>
<b>Locus ID:</b>	8027
<b>UniProt ID:</b>	<a href="#">Q92783</a>
<b>RefSeq Size:</b>	2967
<b>Cytogenetics:</b>	10p12.33
<b>RefSeq ORF:</b>	1620
<b>Synonyms:</b>	STAM-1; STAM1
<b>Summary:</b>	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]
<b>Protein Pathways:</b>	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]).