

Product datasheet for **TP508368**

Stam2 (NM_019667) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse signal transducing adaptor molecule (SH3 domain and ITAM motif) 2 (Stam2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR208368 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MPLFTANPFEQDVEKATNEYNTTEDWSLIMDICDRVGSTPSGAKDCLKAIMKRVNHKVPHVALQALLLG
ACVANCGKIFHLEVCSRDFATEVRSVIKNAHPKVCEKLSLMVEWSEEFQKDPQFSLISATIKSMKEEG
VTFPSAGSQTVAAAANKGTSLNKNKEDEEDIAKAIELSLQEQQYTETKALYPPAESQLNNKAARRVRAL
YDFEAVEDNELTFKHGELITVLDSDANWWWQGENHRGTGLFPSNFVTTDLSTEVEATVDKLNVIDDDVE
EIKKSEPEPVYIDEGKMDRALQILQSIDPKESKPDSQDLLLEDVCQQMGPMIDEKLEEIDRKHSELSEL
NVKLVLEALDLYNKLVNEAPVYSVYSKLVHPAHYPPAAAGVPVQTYPVQSHGGNYLGHGHIHQVSAQNYNLG
PDPMGSLRSLPPNMNSVTAHTVQPPYLSTGQDVTSNPSYMNQSSRLQAAAGTAAYTQPVGMSTDVSSFQN
TASGLPQLAGFPVAVPAPVAAQPQASYHQQLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	57.5 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_062641</u>



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Locus ID: 56324

UniProt ID: [O88811](#), [Q3TGH8](#)

RefSeq Size: 4124

Cytogenetics: 2 C1.1

RefSeq ORF: 1572

Synonyms: 1200004O12Rik; 5730456G07Rik; BB145015; Hbp

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]