

Recombinant Human STAM1 protein ab159929

1 Image

Description

Product name	Recombinant Human STAM1 protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MPLFATNPFDQDVEKATSEMNTAEDWGLILDICDKVGQS RTGPKDCLRSI MRRVNHKDPHVAMQALTLLGACVSNCGKIFHLEVCSRDF ASEVSNVLNKG HPKVCEKLKALMVEWTFDEFKNDPQLSLISAMIKNLKEQGV TFPAIGSQAA EQAKASPALVAKDPGTVANKKEEEDLAKAIELSLKEQRQ QSTTLSTLYPS TSSLLTNHQHEGRKVRAIYDFEAAEDNELTFKAGEIITVLDD SDPNWWKG ETHQGIGLFPSNFVTAYLTAEPEMIKTEKKTQVFSDDVQVE TIEPEPEPA FIDEDKMDQLLQMLQSTDPSDDQPDLPPELLHLEAMCHQM GPLIDEKLEDI DRKHSELSELNVKVMEALSLYTKLMNEDPMYSMYAKLQN QPGSGPTIRKP SPS
Amino acids	1 to 403
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab159929** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot
	ELISA
Form	Liquid

Additional notes

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

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.

Tissue specificity

Ubiquitously expressed.

Sequence similarities

Belongs to the STAM family.

Contains 1 ITAM domain.

Contains 1 SH3 domain.

Contains 1 UIM (ubiquitin-interacting motif) repeat.

Contains 1 VHS domain.

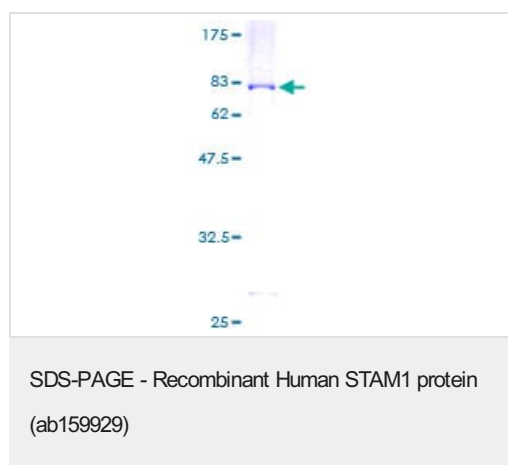
Post-translational modifications

Phosphorylated on Tyr-198. Phosphorylated in response to IL2, IL3, IL4, IL7, CSF2/GM-CSF, EGF and PDGFB. Phosphorylated by activated PDGFRB.

Cellular localization

Cytoplasm. Early endosome membrane.

Images



ab159929 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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