

Datasheet for ABIN7562663

STAM2 Protein (AA 1-523) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	STAM2
Protein Characteristics:	AA 1-523
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STAM2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Stam2 Protein expressed in mammalian cells.
Sequence:	MPLFTANPFE QDVEKATNEY NTTEDWSLIM DICDRVGSTP SGAKDCLKAI MKRVNHHKVP VALQALTLLG ACVANCCKIF HLEVCSRDA TEVRSVIKKNK AHPKVCEKLK SLMVEWSEEF QKDPQFSLIS ATIKSMKEEG VTFPSAGSQT VAAAANKGTS LNKNKEDEDI AKAIELSLQE QKQQTETKA LYPPAESQLN NKAARRVRAL YDFEAVEDNE LTFKHGELIT VLDDSDANWW QGENHRGTGL FPSNFVTDL STEVETATVD KLNVIDDDVE EIKKSEPEPV YIDEGKMDRA LQILQSIDPK ESKPDSQDLL DLEDVCQMG PMIDEKLEEI DRKHSELSEL NVKVLEALDL YNKLVNEAPV YSVYSKLHPA HYPPAAAGVP VQTPVQSHG GNYLGHGIHQ VSVAQNYNLG PDPMGSLRSL PPNMNSVTAH TVQPPYLSTG QDTVSNPSYM NQSSRLQAAA GTAAYTQPVG MSTDVSSFQN TASGLPQLAG FPVAVPAPVA AQPQASYHQQ PLL Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special

request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

STAM2

Alternative Name:

Stam2 ([STAM2 Products](#))

Background:

Signal transducing adapter molecule 2 (STAM-2) (Hrs-binding protein),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 a sorting machinery that recognizes ubiquitinated receptors and transfers them to further sequential lysosomal sorting/trafficking processes (By similarity). {ECO:0000250, ECO:0000269|PubMed:12972556}.

Molecular Weight:

57.5 kDa

UniProt:

[O88811](#)

Pathways:

[EGFR Signaling Pathway](#), [EGFR Downregulation](#)

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months