

Datasheet for ABIN7544771

TRIM29 Protein (AA 1-588) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TRIM29
Protein Characteristics:	AA 1-588
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM29 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat TRIM29 Protein expressed in mammalien cells.
Sequence:	MEAADASRSN GSSPEAR DAR SPSGSPGSLE NGTKADGKDA KTTNGHGGEA AEGKSLGSAL KPGEGRSALF AGNEWRRPII QFVESGDDKN SNYFSMDSME GKRSPYAGLQ LGAACKPPVT FAEKGELRKS IFSES RKPTV SIMEPGETRR NSYPRADTGL FSRKSGSEE VLCDSCIGNK QKAVKSCLVC QASFCE LHLK PHLEGA AFRD HQLLEPIRDF EARKCPVHGK TMELFCQTDQ TCICYLCMFQ EHKNHSTVTV EEAKAEKETE LSLQKEQLQL KIIIEDEAE KWQKEKDRIK SFTTNEKAIL EQNFRDLVRD LEKQKEEVRA ALEQREQDAV DQVKVIMDAL DERAKVLHED KQTREQLHSI SDSVLF LQEF GALMSNYSLP PPLPTYHVLL EGEGLGQSLG NFKD DLLNVC MRHVEKMCKA DLSRNFIERN HMENGGDHRY VNNYTN SFEGG EWSAPDTMKR YSMYLT PKGG VRTSYQPSSP GRFTKETTQK NFNNLYG TKG NYTSRVWEYS SSIQNSDNDL PVVQGSSSFS LKGYP SLMRS QSPKAQPQTW KSGKQTMLSH YRPFYV NKG N GIGSNEAP Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a

Product Details

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:

TRIM29

Alternative Name:

TRIM29 ([TRIM29 Products](#))

Background:

Tripartite motif-containing protein 29 (Ataxia telangiectasia group D-associated protein),FUNCTION: Plays a crucial role in the regulation of macrophage activation in response to viral or bacterial infections within the respiratory tract. Mechanistically, TRIM29 interacts with IKBKG/NEMO in the lysosome where it induces its 'Lys-48' ubiquitination and subsequent degradation. In turn, the expression of type I interferons and the production of pro-inflammatory cytokines are inhibited. Additionally, induces the 'Lys-48' ubiquitination of STING1 in a similar way, leading to its degradation. {ECO:0000269|PubMed:27695001, ECO:0000269|PubMed:29038422}.

Molecular Weight:

65.8 kDa

UniProt:

[Q14134](#)

Target Details

Pathways: [p53 Signaling](#), [Apoptosis](#), [DNA Damage Repair](#), [Inositol Metabolic Process](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

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.

Restrictions: For Research Use only

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