

[Go to Product page](#)

Datasheet for ABIN7544588

TRIM38 Protein (AA 1-465) (His tag)

Overview

Quantity:	1 mg
Target:	TRIM38
Protein Characteristics:	AA 1-465
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM38 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat TRIM38 Protein expressed in mammalian cells.
Sequence:	MASTTSTKKM MEEATCSICL SLMTNPVSIN CGHSYCHLCI TDFFKNPSQK QLRQETFCCP QCRAPFHMDL LRPNKQLGSL IEALKETDQE MSCEEHGEQF HLFCEDEGQL ICWRCERAPQ HKGHTTALVE DVCQGYKEKL QKAVTKLKQL EDRCTEQKLS TAMRITKWKE KVQIQRQKIR SDFKNLQCFL HEEKSYLWR LEKEEQTLS RLRDYEAGLG LKSNELKSHI LELEEKCCGS AQKLLQNVND TLSRSWAVKL ETSEAVSLEL HTMCNVSKLY FDVKKMLRSH QVSVTLDPDT AHHHELISED RRQVTRGYTQ ENQDTSSRRF TAFPCVLGCE GFTSGRRYFE VDVGEGTGWD LGVCMENVQR GTGMKQEPQS GFWTLRLCKK KGYVALTSP TSLHLHEQPL LVGIFLDYEA GVVSFYNGNT GCHIFTFPKA SFSDTLRPYF QVYQYSPLFL PPPGD 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.

Product Details

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:

TRIM38

Alternative Name:

TRIM38 ([TRIM38 Products](#))

Background:

E3 ubiquitin-protein ligase TRIM38 (EC 2.3.2.27) (RING finger protein 15) (Tripartite motif-containing protein 38) (Zinc finger protein RoRet),FUNCTION: E3 ubiquitin-protein and E3 SUMO-protein ligase that acts as a regulator of innate immunity (PubMed:23056470). Acts as a negative regulator of type I interferon IFN-beta production by catalyzing 'Lys-48'-linked polyubiquitination of AZI2/NAP1, leading to its degradation (By similarity). Mediates 'Lys-48'-linked polyubiquitination and proteasomal degradation of the critical TLR adapter TICAM1, inhibiting TLR3-mediated type I interferon signaling (PubMed:23056470). Acts as positive regulator of the cGAS-STING pathway by acting as a E3 SUMO-protein ligase: mediates sumoylation of CGAS and STING, preventing their degradation and thereby activating the innate immune response to DNA virus (By similarity). Also acts as a negative regulator of NF-kappa-B signaling independently of its E3 protein ligase activity by promoting lysosome-dependent degradation of TAB2 and TAB3 adapters (PubMed:24434549).

{ECO:0000250|UniProtKB:Q5SZ99, ECO:0000269|PubMed:23056470,

Target Details

ECO:0000269|PubMed:24434549}.

Molecular Weight: 53.4 kDa

UniProt: [O00635](#)

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