

Datasheet for ABIN7544745
TRIM31 Protein (AA 1-425) (His tag)



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Overview

Quantity:	1 mg
Target:	TRIM31
Protein Characteristics:	AA 1-425
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM31 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat TRIM31 Protein expressed in mammalien cells.
Sequence:	<p>MASGQFVNKL QEEVICPICL DILQKPVTID CGHNFCLKCI TQIGETSCGF FKCP LCKTSV RKNAIRFNSL LRNLVEKIQA LQASEVQSKR KEATCPRHQE MFHYFCEDDG KFLCFVCRES KDHKSHNVSL IEEAAQNYQG QIQEQIQLVQ QKEKETVQVK AQGVHRVDVF TDQVEHEKQR ILTEFELLHQ VLEEEKNFLL SRIYWLGHEG TEAGKHYPAS TEPQLNDLKK LVDSLKTKQN MPPRQLLEDI KVVLCRSEEF QFLNPTPVPL ELEKKLSEAK SRHDSITGSL KFKDQLQAD RKKDENRFFK SMNKNDMKSW GLLQKNNHKM NKTSEPGSSS AGGRTTSGPP NHHSSAPSHS LFRASSAGKV TFPVCLLAS YDEISGQGASS QDTKTFDVAL SEELHAALSE WLTAIRAWFC EVPSS</p> <p>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.</p>
Characteristics:	Key Benefits:

Product Details

- 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: TRIM31

Alternative Name: TRIM31 ([TRIM31 Products](#))

Background: E3 ubiquitin-protein ligase TRIM31 (EC 2.3.2.27) (Tripartite motif-containing protein 31),FUNCTION: E3 ubiquitin-protein ligase that acts as a regulator of antiviral immune response and inflammation by mediating ubiquitination of substrates (PubMed:18773414, PubMed:27929086, PubMed:27992402). Acts as a regulator of innate immune defense against viruses by mediating 'Lys-63'-linked ubiquitination of MAVS, promoting MAVS polymerization and formation of three-stranded helical filaments on mitochondria (PubMed:27992402). Acts as a negative regulator of the NLRP3 inflammasome by catalyzing 'Lys-48'-linked ubiquitination of NLRP3, leading to its degradation (PubMed:27929086). Regulator of Src-induced anchorage independent cell growth (By similarity). {ECO:0000250|UniProtKB:Q8R0K2, ECO:0000269|PubMed:18773414, ECO:0000269|PubMed:27929086, ECO:0000269|PubMed:27992402}.

Molecular Weight: 48.2 kDa

UniProt: [Q9BZY9](#)

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
