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Datasheet for ABIN7544797

TRIM15 Protein (AA 1-465) (His tag)

Overview

Quantity:	1 mg
Target:	TRIM15
Protein Characteristics:	AA 1-465
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM15 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TRIM15 Protein expressed in mammalian cells.
Sequence:	MPATPSLKVV HELPACTLCA GPLEDAVTIP CGHTFCRLCL PALSQMGAQS SGKILLCPLC QEEEAETPM APVPLGPLGE TYCEEHGEKI YFFCENDAEF LCVFCREGPT HQAHTVGFLD EAIQPYRDRL RSRLEALSTE RDEIEDVKCQ EDQKLQVLLT QIESKKHQVE TAFERLQQEL EQQRCLLLAR LRELEQQIWK ERDEYITKVS EEVTRLGAQV KELEEKCQQP ASELLQDVRV NQRCEMKTFF VSPEAISPDL VKKIRDFHRK ILTLPEMMRM FSENLAHHLE IDSGVITLDP QTASRSLVLS EDRKSVRYTR QKKSPLDSPL RFDGLPAVLG FPGFSSGRHR WQVDLQLGDG GGCTVGVAGE GVRRKGEMGL SAEDGVWAVI ISHQQCWAST SPGTDLPLSE IPRGVRVALD YEAGQVTLHN AQTQEPIFTF TASFSGKVFP FFAVWKKGSC LTLKG 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

TRIM15

Alternative Name:

TRIM15 ([TRIM15 Products](#))

Background:

E3 ubiquitin-protein ligase TRIM15 (EC 2.3.2.27) (RING finger protein 93) (Zinc finger protein 178) (Zinc finger protein B7),FUNCTION: E3 ubiquitin ligase that plays a role in several processes including innate antiviral immunity, cell migration and chemotaxis (PubMed:34142270, PubMed:23077300). Acts as a 'Lys-63'-specific ubiquitin ligase for MAPK1/ERK2 and MAPK3/ERK1, promoting their activation by facilitating their interaction with MAP2K1 and MAP2K2 (PubMed:34497368). Plays also a role in cell migration and chemotaxis by acting as a stable focal adhesion component upon recruitment by multi-adaptor protein paxillin/PXN (PubMed:25015296). Functions in the RIGI-mediated interferon induction pathway upstream or at the level of MAVS (PubMed:23077300). Inhibits NF-kappa-B activation by turnover of 'Lys-63'-linked ubiquitination of MAP3K7/TAK1. Mechanistically, prevents TRIM8 cytoplasmic translocation and thus inhibits TRIM8-mediated 'Lys-63'-linked polyubiquitination of MAP3K7/TAK1 in the cytoplasm (PubMed:34871740). Plays also an important regulatory

Target Details

effect on the activation of hepatic stellate cells (HSCs). {ECO:0000269|PubMed:23077300, ECO:0000269|PubMed:25015296, ECO:0000269|PubMed:34142270, ECO:0000269|PubMed:34497368, ECO:0000269|PubMed:34871740}.

Molecular Weight: 52.1 kDa

UniProt: [Q9C019](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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