

Datasheet for ABIN7544716

TRIM34 Protein (AA 1-488) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TRIM34
Protein Characteristics:	AA 1-488
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM34 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TRIM34 Protein expressed in mammalian cells.
Sequence:	<p>MASKILLNVQ EEVTCPCLE LLTEPLSLDC GHSLCRACIT VSNKEAVTSM GKGSSCPVCG</p> <p>ISYSFEHLQA NQHLANIVER LKEVKLSPDN GKRDLCDDH GEKLLLFCKE DRKVICWLCE</p> <p>RSQEHARGHHT VLTEEVFKEC QEKLQAVLKR LKKEEEAEK LEADIREEKT SWKYQVQTER</p> <p>QRIQTEFDQL RSILNNEEQR ELQRLEEEK KTLDFKFAEAE DELVQQKQLV RELISDVECR</p> <p>SQWSTMELLQ DMSGIMKWSE IWRLKKPKMV SKKLKTVFHA PDLRMLQMF RELTAVRCYW</p> <p>VDVTLSNVNL NLNLVLSAQ RQVISVPIWP FQCYNYGVLG SQYFSSGKHY WEVDVSKKTA</p> <p>WILGVYCRTY SRHMKYVRR CANRONLYTK YRPLFGYWVI GLQNKCKYGV FEESLSSDPE</p> <p>VLTLMAVPP CRVGVFLDYE AGIVSFFNVT SHGSLIYKFS KCCFSQPVYP YFNPWNCPAP</p> <p>MTLCPPSS 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>
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:

TRIM34

Alternative Name:

TRIM34 ([TRIM34 Products](#))

Background:

E3 ubiquitin-protein ligase TRIM34 (EC 2.3.2.27) (Interferon-responsive finger protein 1) (RING finger protein 21),FUNCTION: Functions as antiviral protein and contributes to the defense against retroviral infections (PubMed:17156811, PubMed:32282853). Acts as a capsid-specific restriction factor with the help of TRIM5 and prevents infection from non-host-adapted retroviruses (PubMed:32282853). During influenza A virus infection, promotes programmed cell death by targeting ZBP1 for 'Lys-63'-linked polyubiquitination (PubMed:35065966). In turn, promotes ZBP1 recruitment of RIPK3 to mediate virus-induced programmed necrosis (PubMed:35065966). Negatively regulates the function of mitochondria by enhancing mitochondrial depolarization leading to cytochrome c release and mitochondria-dependent apoptosis (PubMed:31956709). Promotes also the formation of multinucleated giant cells by means of cell fusion and phagocytosis in epithelial cells (PubMed:31487507). {ECO:0000269|PubMed:17156811, ECO:0000269|PubMed:31487507,

Target Details

ECO:0000269|PubMed:31956709, ECO:0000269|PubMed:32282853,
ECO:0000269|PubMed:35065966}.

Molecular Weight: 56.9 kDa

UniProt: [Q9BYJ4](#)

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