

Datasheet for ABIN7560466
TRIM34A Protein (AA 1-485) (His tag)



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Overview

Quantity:	1 mg
Target:	TRIM34A
Protein Characteristics:	AA 1-485
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM34A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Trim34a Protein expressed in mammalian cells.
Sequence:	MASTGLTNIQ EKTTCPVCQE LLTKALSLGC GHRVCQACLI TKKNAVINPR EKSSCPVCGT RFSLENLQAN KHLANVVERL GEVCLKPDIG TKRDLCVHHG EKLLLFCKED KKAICWVCER SQEHRGHHTF LWEEAVRECQ ENLQKALTRL RKEQEKVETL EADIKEDRLS WKCQVQTERQ RIQTGFNQLR RILDKEEQRE LKRLREEEQM ILDSLAGEA ELAQQSQLVE ELISDLELRR EWSDELLQD MSGILKWSQI WTLKKPKAVS KKLSMVFQAP DLSGMLQKFR ELTAVRAYWD NFTFNPENLN LNLILSEDHR QVTSVSIWPF KCCNNGILGS KCFSSGKHYW EVDVSEKKAW TLGVYTRKRT LRFDVRQRKG QPNGYHRYKP QNGYWVIGLQ HGSKYSIFED SSNCDPTVLN PFVATPLHRV GVFLDCEEGT VSFLNVTNHG SLIYKFSQCC FSQPAYPYFN PWDCPAPMTL CPLNS 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:

TRIM34A

Alternative Name:

Trim34a ([TRIM34A Products](#))

Background:

E3 ubiquitin-protein ligase TRIM34A (EC 2.3.2.27) (Tripartite motif-containing protein 34A),FUNCTION: Functions as antiviral protein and contributes to the defense against retroviral infections (By similarity). Acts as a capsid-specific restriction factor with the help of TRIM5 and prevents infection from non-host-adapted retroviruses. During influenza A virus infection, promotes programmed cell death by targeting ZBP1 for 'Lys-63'-linked polyubiquitination. In turn, promotes ZBP1 recruitment of RIPK3 to mediate virus-induced programmed necrosis (By similarity). Negatively regulates the function of mitochondria by enhancing mitochondrial depolarization leading to cytochrome c release and mitochondria-dependent apoptosis. Promotes also the formation of multinucleated giant cells by means of cell fusion and phagocytosis in epithelial cells (By similarity). Plays an essential role in sustaining the integrity of the inner mucus layer in the colon by controlling the exocytosis of the major component of colonic mucus MUC2 from colonic goblet cells (PubMed:32094504).

Target Details

{ECO:0000250|UniProtKB:Q9BYJ4, ECO:0000269|PubMed:32094504}.

Molecular Weight: 56.0 kDa

UniProt: [Q99PP6](#)

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