

Datasheet for ABIN7544804

## TRIM69 Protein (AA 1-500) (His tag)



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### Overview

Quantity:	1 mg
Target:	TRIM69
Protein Characteristics:	AA 1-500
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM69 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat TRIM69 Protein expressed in mammalian cells.
Sequence:	<p>MEVSTNPSSN IDPGDYVEMN DSITHLP SKV VIQDITMELH CPLCNDWFRD PLMLSCGHNH  CEACIQDFWR LQAKETFCPE CKMLCQYNNC TFNPVLDKLV EKI KKLPLLK GHPQCPEHGE  NLKLFSPDG KLICFQCKDA RLSVGQSKEF LQISDAVHFF TEELAIQQGQ LETTLKELQT  LRNMQKEAIA AHKENKLHLQ QHVSMEFLKL HQFLHSKEKD ILTELREEGK ALNEEMELNL  SQLQEQCLLA KDMLVSIQAK TEQQNSFDFL KDITLLHSL EQGMKVLATR ELISRKLNLG  QYKGPIQYMV WREMQDTLCP GLSPLTLPK TAHPNLVLSK SQTSVWHGDI KKIMPDDPER  FDSSVAVLGS RGFTSGKWWY EVEVAKKTKW TVGVVRESII RKGSCPLTPE QGFWLLRLRN  QTDLKALDLP SFSLTLTNNL DKVGIYLDYE GGQLSFYNAK TMTHIYTFSN TFMEKLYPYF  CPCLNDGGEN KEPLHILHPQ</p> <p><b>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.</b></p>

## 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:

TRIM69

### Alternative Name:

TRIM69 ([TRIM69 Products](#))

### Background:

E3 ubiquitin-protein ligase TRIM69 (EC 2.3.2.27) (RFP-like domain-containing protein trimless) (RING finger protein 36) (RING-type E3 ubiquitin transferase TRIM69) (Tripartite motif-containing protein 69),FUNCTION: E3 ubiquitin ligase that plays an important role in antiviral immunity by restricting different viral infections including dengue virus or vesicular stomatitis indiana virus (PubMed:23131556, PubMed:30142214, PubMed:31375575, PubMed:31578292). Ubiquitinates viral proteins such as dengue virus NS3 thereby limiting infection (PubMed:30844644). In addition, acts as a key mediator of type I interferon induced microtubule stabilization by directly associating to microtubules independently of its E3 ligase activity (PubMed:36251989). Plays also a role in cataract formation together with TP53 (PubMed:30844644). Mechanistically, inhibits UVB-induced cell apoptosis and reactive oxygen species (ROS) production by inducing TP53 ubiquitination (PubMed:30844644). Regulates centrosome dynamics and mitotic progression by ubiquitinating STK3/MST2, leading to its redistribution to the perinuclear cytoskeleton and subsequent phosphorylation by PLK1

### Target Details

	(PubMed:37739411). {ECO:0000269 PubMed:23131556, ECO:0000269 PubMed:30142214, ECO:0000269 PubMed:30844644, ECO:0000269 PubMed:31375575, ECO:0000269 PubMed:31578292, ECO:0000269 PubMed:36251989, ECO:0000269 PubMed:37739411}.
Molecular Weight:	57.4 kDa
UniProt:	<a href="#">Q86WT6</a>

### 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