

Datasheet for ABIN7558405

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



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### Overview

Quantity:	1 mg
Target:	TRIM69
Protein Characteristics:	AA 1-500
Origin:	Mouse
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>MEVSSRPPSN FDPGNYVEMS DPTTTHLPSK VVIQDLTTEL HCPLCNDWFR DPLMLTCGHN</p> <p>FCQDCIQSFW KVHSKETFCP DCKMLCQYSN CTFNLVLEKL VEKIKKLPLL KGHPQCPEHG</p> <p>ENLKLSKPE GKMICFQCKD ARLSMGQSKD FLQISEAVRF FTEELAIYQS QLQTTLKELQ</p> <p>SLRTIQKDAI SAYKDNKIQL QQNLSLEFLK LHQFLHNKEK DILNDRDEG KLLNEEMEVN</p> <p>LNQIQEQCLV AKDMLATIQA RMEQQNSFDF LTDITKLIES MEKGMKTIVP RQLIAKKLSL</p> <p>GRFKGPIQYI IWKEMQAILS PGPSQLTLDP KTAHPNLVLS KSQTSVCHCD VKQVMPDDPE</p> <p>RFDSSVAVLG SKGFTSGKWY WEIEVGKKTG WTIGVVRESI IRKGSCPLTP EQGFWLLRLR</p> <p>NQTDLKALDL PSRSLTLGDL RRVGVYLDYE GGQVSFYFAT TMTHLYTFSS VFQEKLPYLL</p> <p>CPCLNDGGEN KEPLHIVHPQ <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) (RING finger B-box coiled-coil transcription factor) (RING finger protein 36) (RING-type E3 ubiquitin transferase TRIM69) (Testis-specific RING finger protein) (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. Ubiquitinates viral proteins such as dengue virus NS3 thereby limiting infection. 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. Plays also a role in cataract formation together with TP53. Mechanistically, inhibits UVB-induced cell apoptosis and reactive oxygen species (ROS) production by inducing TP53 ubiquitination. Regulates centrosome dynamics and mitotic progression by ubiquitinating STK3/MST2, leading to its redistribution to the perinuclear cytoskeleton and subsequent phosphorylation by PLK1. {ECO:0000250|UniProtKB:Q86WT6}.

### Molecular Weight:

57.3 kDa

## Target Details

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UniProt: [Q80X56](#)

## Application Details

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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

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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