

Datasheet for ABIN7559699

**TRIM29 Protein (AA 1-587) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	TRIM29
Protein Characteristics:	AA 1-587
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM29 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Trim29 Protein expressed in mammalien cells.
Sequence:	MEGADACRSN GASPEARLTR SPPGPSGSLE NGTKADSKDT KTTNGHSGEV TEGKTLGSAL KSGEGKSGLF SSNEWRRPII QFVESVDDKG SSYFSMDSAE GRRSPYAGLQ LGASKKPPVT FAEKGELRKS IFSEPRKPTV TIVEPGEVRR NSYPRADSSL LARAKSGSEE VLCDSCIGNK QKAVKSCLVC QASFCEHLK PHLEGAARFD HQLLEPIRDF EARKCPLHGK TMELFCQTDQ TCICYLCMFQ EHKNHSTVTV EEAKAEKETE LSLQKEQLQL KIIIEEDDVE KWQKEKDRIK SFTTNEKAIL EQNFRDLVRE LEKQKEEVRA ALEQREQDAV DQVKVIVDAL DERAKVLHED KQTREQLHNI SDSVLFQEF GALMSNYSLP PPLPTYHVLL EGEGLGQSLG NCKDDLLNVC MRHVEKMCKA DLSRNFIERN HMENGGDHRY MNSYTSSYGN EWSTPDTMKR YSMYLTPKGK GRTSYQPSSP SRLSKETNQG NFNNLYGTEG NYTSRVWEYT STVQNSDMP TVQGNSSFSL KGFPSLLRSQ VPKAQPQTKW SGKQTLLSHY RPFYVNBKSGS IGSNEAP <b>Sequence without tag.</b> <b>The proposed Purification-Tag is based on experiences with the expression system, a</b>

## Product Details

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**different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

TRIM29

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### Alternative Name:

Trim29 ([TRIM29 Products](#))

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### Background:

Tripartite motif-containing protein 29,FUNCTION: Plays a crucial role in the regulation of macrophage activation in response to viral or bacterial infections within the respiratory tract. Mechanistically, TRIM29 interacts with IKBKG/NEMO in the lysosome where it induces its 'Lys-48' ubiquitination and subsequent degradation. In turn, the expression of type I interferons and the production of pro-inflammatory cytokines are inhibited. Additionally, induces the 'Lys-48' ubiquitination of STING1 in a similar way, leading to its degradation.  
{ECO:0000250|UniProtKB:Q14134}.

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### Molecular Weight:

65.8 kDa

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### UniProt:

[Q8R2Q0](#)

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### Pathways:

[p53 Signaling](#), [Apoptosis](#), [DNA Damage Repair](#), [Inositol Metabolic Process](#), [Positive Regulation](#)

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## Target Details

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of Response to DNA Damage Stimulus

## 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