

Datasheet for ABIN7544799

TRIM39 Protein (AA 1-518) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TRIM39
Protein Characteristics:	AA 1-518
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM39 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat TRIM39 Protein expressed in mammalien cells.
Sequence:	MAETSLLEAG ASAASTAAAL ENLQVEASCS VCLEYLKEPV IIECGHNFCK ACITRWWEDL ERDFPCPVCR KTSRYRSLRP NRQLGSMVEI AKQLQAVKRK IRDESLCPQH HEALSLFCYE DQEAVCLICA ISHTHRAHTV VPLDDATQEY KEKLQKCLEP LEQKLQEITR CKSSEEKPKG ELKRLVESRR QQILREFEEL HRRLDDEEQV LLSRLEEEEQ DILQRLRENA AHLGDKRRDL AHLAAEVEGK CLQSGFEMLK DVKSTLEKNI PRKFGGSLST ICPRDHKALL GLVKEINRCE KVKTMEVTSV SIELEKNFSN FPRQYFALRK ILKQLIADVT LDPETAHPNL VLSEDRKSVK FVETRLRDLP DTPRRFTFYP CVLATEGFTS GRHYWEVEVG DKTHWAVGVC RDSVSRKGEL TPLPETGYWR VRLWNGDKYA ATTTPTPLH IKVKPKRVGI FLDYEAGTLS FYNVTDRSHI YTFTDTFTEK LWPLFYPGIR AGRKNAAPLT IRPPTDWE 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

Product Details

contact us.

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:

TRIM39

Alternative Name:

TRIM39 ([TRIM39 Products](#))

Background:

E3 ubiquitin-protein ligase TRIM39 (EC 2.3.2.27) (RING finger protein 23) (RING-type E3 ubiquitin transferase TRIM39) (Testis-abundant finger protein) (Tripartite motif-containing protein 39),FUNCTION: [Isoform 1]: E3 ubiquitin-protein ligase (PubMed:22529100). May facilitate apoptosis by inhibiting APC/C-Cdh1-mediated poly-ubiquitination and subsequent proteasome-mediated degradation of the pro-apoptotic protein MOAP1 (PubMed:19100260, PubMed:22529100). Regulates the G1/S transition of the cell cycle and DNA damage-induced G2 arrest by stabilizing CDKN1A/p21 (PubMed:23213251). Positively regulates CDKN1A/p21 stability by competing with DTL for CDKN1A/p21 binding, therefore disrupting DCX(DTL) E3 ubiquitin ligase complex-mediated CDKN1A/p21 ubiquitination and degradation (PubMed:23213251). {ECO:0000269|PubMed:19100260, ECO:0000269|PubMed:22529100, ECO:0000269|PubMed:23213251}., FUNCTION: [Isoform 2]: Regulates the G1/S transition of the cell cycle and DNA damage-induced G2 arrest by stabilizing CDKN1A/p21 (PubMed:23213251).

Target Details

Positively regulates CDKN1A/p21 stability by competing with DTL for CDKN1A/p21 binding, therefore disrupting DCX(DTL) E3 ubiquitin ligase complex-mediated CDKN1A/p21 ubiquitination and degradation (PubMed:23213251). Negatively regulates the canonical NF-kappa-B signaling pathway via stabilization of CACTIN in an ubiquitination-independent manner (PubMed:26363554). {ECO:0000269|PubMed:23213251, ECO:0000269|PubMed:26363554}.

Molecular Weight: 59.7 kDa

UniProt: [Q9HCM9](#)

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