

Datasheet for ABIN7556277
TRIM10 Protein (AA 1-489) (His tag)



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Overview

Quantity:	1 mg
Target:	TRIM10
Protein Characteristics:	AA 1-489
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM10 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Trim10 Protein expressed in mammalien cells.
Sequence:	MASAPSVTSL ADEVNCPICQ GTLREPVTID CGHNFCRGCL TRYCEIPGPE SEESLSCPLC KEPFRPGSFR PNWQLANVVE NIERLQLAST RGLEVEDACP EHGEKIYFFC EEDEAQLCVV CRETGQHGAH TVRFLEDAAG PYREQIQKCL VCLRKEREI QETQSRENKR IQVLLTQVAT KRQQVISQFA HLSQFLQQQ TALLAQLEGL DGDILKQQEE FDSLATGEIC RFSTLIEELE EKNKRTARGL LTDIRSTLIR CETRKCCKPE AISPELGQRI RDFPQQAIP L RQEMKTFLEK LCFELDYEPA HISLDPQTSH PKLLLSEHDR RARFSYKWQN SPDTPQRFD R VTCVLAQCGF TGGRHTWMVN VDLAHGGSC T VGVVREDVRR KGELRLRPEE GIWAVRLAWG FVSALGSFPT RLALEEQPRK VQVSLDYEVG WITFVNAV TQ EHIYFTASF TQKIFPLFGL WGRGSSFSLS CQEGAVSLL 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.

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:

TRIM10

Alternative Name:

Trim10 ([TRIM10 Products](#))

Background:

Tripartite motif-containing protein 10 (Hematopoietic RING finger 1) (RING finger protein 9),FUNCTION: E3 ligase that plays an essential role in the differentiation and survival of terminal erythroid cells (PubMed:18560381). May directly bind to PTEN and promote its ubiquitination, resulting in its proteasomal degradation and activation of hypertrophic signaling (PubMed:32343488). In addition, plays a role in immune response regulation by repressing the phosphorylation of STAT1 and STAT2 in the interferon/JAK/STAT signaling pathway independent of its E3 ligase activity. Mechanistically, interacts with the intracellular domain of IFNAR1 and thereby inhibits the association between TYK2 and IFNAR1 (By similarity). {ECO:0000250|UniProtKB:Q9UDY6, ECO:0000269|PubMed:18560381, ECO:0000269|PubMed:32343488}.

Molecular Weight:

55.6 kDa

UniProt:

[Q9WUH5](#)

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
