

Datasheet for ABIN7562891

TRIM30 Protein (AA 1-496) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TRIM30 (Trim30)
Protein Characteristics:	AA 1-496
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIM30 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Trim30a Protein expressed in mammalian cells.
Sequence:	<p>MASSVLEMIK EEVTCPCICLE LLKEPVSADC NHSFCRACIT LNYESNRNTD GKGNCPVCRV PYPFGNLRPN LHVANIVERL KGFKSIPEEE QKVNICAQHG EKLRLFCRKD MMVICWLCER SQEHRGHQTA LIEEVDQEYK EKLGALWKL MKKAKICDEW QDDLQLQRVD WENQIQINVE NVQRQFKGLR DLLDSKENEE LQKLKKEKKE VMEKLEESEN ELEDQTELV RDLISDVEHHL ELSTLEMLQG ANCVLRRSQS LSLQQPQTV PQRKRRTFQAP DLKGMLQVYQ GLMDIQQYWV HMTLHARNNA VIAINKEKRQ IQYRSYNTVP VSEIYHLGVL GYPALSSGKH YWEVDISRSD AWLLGLNDGK CAQPQLHSKE EMGIKKNLHS QIKQNVLFQP KCGYWWIGMK NPSVYKAFDE CSITHNSSIL VISLPDRPSR VGVFLDRKAG TLSFYDVSNC GALIYRFYDP AFPVEVYPYF NPMKCSEPM T ICGPPS 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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

TRIM30 (Trim30)

Alternative Name:

Trim30a ([Trim30 Products](#))

Background:

Tripartite motif-containing protein 30A (Down regulatory protein of interleukin-2 receptor) (Tripartite motif-containing protein 30),FUNCTION: Trans-acting factor that regulates gene expression of interleukin 2 receptor alpha chain. May affect IL2R-alpha expression through cis-acting negative regulatory elements or through competition with proteins that bind to enhancer or activator sequences. Negatively regulates Toll-like receptor (TLR)-mediated activation of NFkB by promoting degradation of TAB2 and TAB3 and preventing TRAF6 autoubiquitination. Negatively regulates production of reactive oxygen species (ROS) which inhibits activation of the NLRP3 inflammasome complex. This, in turn, regulates activation of CASP1 and subsequent cleavage of IL1B and IL18. No activity detected against a range of retroviruses including a number of lentiviruses, gammaretroviruses and betaretroviruses. {ECO:0000269|PubMed:18345001, ECO:0000269|PubMed:19147168, ECO:0000269|PubMed:21048113}.

Target Details

Molecular Weight: 57.3 kDa

UniProt: [P15533](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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