

Datasheet for ABIN7562554

## TNFAIP1 Protein (AA 1-316) (His tag)



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### Overview

Quantity:	1 mg
Target:	TNFAIP1
Protein Characteristics:	AA 1-316
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFAIP1 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant Tnfaip1 Protein expressed in mammalian cells.
Sequence:	<p>MSGDTCLCPA SGAKPKISGF KGGGLGNKYV QLNVGGSLLY TTVRALTRHD TMLKAMFSGR</p> <p>MEVLTDKEGW ILIDRCGKHF GTILNYLRDD TITLPQSRQE IQELMAEAKY YLIQGLVSTC</p> <p>QTALQDKKDS YQPVCNIPII TSLREEDRLI ESSTKPVVKL LYNRSNNKYS YTSNSDDHLL</p> <p>KNIELFDKLS LRFNGRVLFI KDVIGDEICC WSFYGQGRKL AEVCCTSIVY ATEKKQTKVE</p> <p>FPEARIEET LNVLLYETPR VPDNSLLEAT SRSRSQASPS EDEDTFELRD RVRRIHVCRY</p> <p>STYDDRQLGH QSTHRD <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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

## Product Details

- 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:	TNFAIP1
Alternative Name:	Tnfaip1 ( <a href="#">TNFAIP1 Products</a> )
Background:	BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 2 (BTB/POZ domain-containing protein TNFAIP1) (Tumor necrosis factor, alpha-induced protein 1, endothelial),FUNCTION: Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex involved in regulation of cytoskeleton structure. The BCR(TNFAIP1) E3 ubiquitin ligase complex mediates the ubiquitination of RHOA, leading to its degradation by the proteasome, thereby regulating the actin cytoskeleton and cell migration. Its interaction with RHOB may regulate apoptosis. May enhance the PCNA-dependent DNA polymerase delta activity (By similarity). {ECO:0000250}.
Molecular Weight:	36.1 kDa
UniProt:	<a href="#">070479</a>

## Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

	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