

Datasheet for ABIN7544503
TNFAIP8L2 Protein (AA 1-184) (His tag)



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Overview

Quantity:	1 mg
Target:	TNFAIP8L2
Protein Characteristics:	AA 1-184
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFAIP8L2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat TNFAIP8L2 Protein expressed in mammalien cells.
Sequence:	MESFSSKSLA LQAEKKLLSK MAGRSVAHLF IDETSSEVLD ELYRVSKEYT HSRPQAQRVI KDLIKVAIKV AVLHRNGSFG PSELALATRF RQKLRQGAMT ALSFGEVDFT FEA AVLAGLL TECRDVLLEL VEHHLTPKSH GRIRHVFDHF SDPGLLTALY GPDFTQHLGK ICDGLRKLLD EGKL 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.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	TNFAIP8L2
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Alternative Name:	TNFAIP8L2 (TNFAIP8L2 Products)
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Background:	<p>Tumor necrosis factor alpha-induced protein 8-like protein 2 (TIPE2) (TNF alpha-induced protein 8-like protein 2) (TNFAIP8-like protein 2) (Inflammation factor protein 20),FUNCTION: Acts as a negative regulator of innate and adaptive immunity by maintaining immune homeostasis (PubMed:27043859). Plays a regulatory role in the Toll-like signaling pathway by determining the strength of LPS-induced signaling and gene expression (PubMed:32188758). Inhibits TCR-mediated T-cell activation and negatively regulate T-cell function to prevent hyperresponsiveness (By similarity). Inhibits also autolysosome formation via negatively modulating MTOR activation by interacting with RAC1 and promoting the disassociation of the RAC1-MTOR complex (PubMed:32460619). Plays an essential role in NK-cell biology by acting as a checkpoint and displaying an expression pattern correlating with NK-cell maturation process and by negatively regulating NK-cell maturation and antitumor immunity (By similarity). Mechanistically, suppresses IL-15-triggered mTOR activity in NK-cells (By similarity).</p> <p>{ECO:0000250 UniProtKB:Q9D8Y7, ECO:0000269 PubMed:27043859, ECO:0000269 PubMed:32188758, ECO:0000269 PubMed:32460619}.</p>
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Molecular Weight:	20.6 kDa
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UniProt:	Q6P589
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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
