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Datasheet for ABIN7555771
TNIP2 Protein (AA 1-429) (His tag)

Overview

Quantity:	1 mg
Target:	TNIP2
Protein Characteristics:	AA 1-429
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNIP2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TNIP2 Protein expressed in mammalian cells.
Sequence:	<p>MSRDPGSGGW EEAPRAAAL CTLYHEAGQR LRRLQDQLAA RDALIARLRA RLAALEGDAA PSLVDALLEQ VARFREQLRR QEGGAAEAQM RQEIERLTER LEEKEREMQQ LLSQPQHERE KEVLLRRSM AEGERARAAS DVLCSRSLANE THQLRRTLTA TAHMCQHLAK CLDERQHAQR NVGERSPDQS EHTDGHTSVQ SVIEKLQEEEN RLLKQKVTHV EDLNAKWQRY NASRDEYVRG LHAQLRGLQI PHEPELMRKE ISRLNRQLEE KINDCAEVKQ ELAASRTARD AALERVQMLE QQILAYKDDF MSERADRERA QSRIQELEEK VASLLHQVSW RQDSREPDAG RIHAGSKTAK YLAADALELM VPGGWRPGTG SQQPEPPAEG GHPGAAQRGQ GDLQCPHCLQ CFSDEQGEEL LRHVAECCQ 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 isoform, please contact us regarding an individual offer.

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

Grade:

custom-made

Target Details

Target:

TNIP2

Alternative Name:

TNIP2 ([TNIP2 Products](#))

Background:

TNFAIP3-interacting protein 2 (A20-binding inhibitor of NF-kappa-B activation 2) (ABIN-2) (Fetal liver LKB1-interacting protein),FUNCTION: Inhibits NF-kappa-B activation by blocking the interaction of RIPK1 with its downstream effector NEMO/IKBKG. Forms a ternary complex with NFKB1 and MAP3K8 but appears to function upstream of MAP3K8 in the TLR4 signaling pathway that regulates MAP3K8 activation. Involved in activation of the MEK/ERK signaling pathway during innate immune response, this function seems to be stimulus- and cell type specific. Required for stability of MAP3K8. Involved in regulation of apoptosis in endothelial cells, promotes TEK agonist-stimulated endothelial survival. May act as transcriptional coactivator when translocated to the nucleus. Enhances CHUK-mediated NF-kappa-B activation involving NF-kappa-B p50-p65 and p50-c-Rel complexes. {ECO:0000269|PubMed:11389905, ECO:0000269|PubMed:12595760, ECO:0000269|PubMed:12753905, ECO:0000269|PubMed:12933576, ECO:0000269|PubMed:14653779, ECO:0000269|PubMed:15169888, ECO:0000269|PubMed:21784860}.

Target Details

Molecular Weight: 48.7 kDa

UniProt: [Q8NFZ5](#)

Pathways: [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#)

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