

Datasheet for ABIN7565224  
**TNIP1 Protein (AA 1-647) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	TNIP1
Protein Characteristics:	AA 1-647
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNIP1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Tnip1 Protein expressed in mammalian cells.
Sequence:	MEGRGPYRIY DPGGSTPLGE VSAAFERLVE ENTRLKGMQ GIKMLGELLE ESQMEASRLR QKAEELVKDS ELSPTSAPS LVSFDDLAEL TGQDTKVQVH PATSTAATTT ATATTGNSME KPEPASKSPS NGASSDFEVV PTEEQNSPET GSHPTNMMDL GPPPPEDSNL KLHLQRLETT LSVCAEEDPH SQLFTHLGRM ALEFNRLASK VHKNEQRTSI LQTLCEQLRQ ENEALKAKLD KGLEQRDLAA ERLREENTEL KKLLMNSSCK EGLCGQPSSP KPEGAGKKG V AGQQQASVMA SKVPEAGAFG AAEKKVKLLE QQRMELLEVN KQWDQHFRSM KQYEQKITE LRQKLVLDLQK QVTELEAERE QKQRDFDRKL LLAKSKIEME ETDKEQLTAE AKELRQKVRY LQDQLSPLTR QREYQEKEIQ RLNKALEEAL SIQASPSSPP AAFGSPEGVG GHLRQKELVT QNELLKQQVK IFEEDFQRER SDRERMNEEK EELKKQVEKL QAQVTLTNAQ LKTLKEEKA KEALKQQRK AKASGERYHM EPHPEHVCGA YPYAYPPMPA MVPHHAYKDW SQIRYPPPPV PMEHPHPN SRLFHLPEYT WRPPCAGIRN QSSQVMDPPP DRPAEPESAD NDCDGPQ <b>Sequence without tag.</b> <b>The proposed Purification-Tag is based on experiences with the expression system, a</b>

## Product Details

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**different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

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:

- 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

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Target: TNIP1

Alternative Name: Tnip1 ([TNIP1 Products](#))

Background: TNFAIP3-interacting protein 1 (A20-binding inhibitor of NF-kappa-B activation 1) (ABIN) (ABIN-1) (Nef-associated factor 1) (Naf1) (Virion-associated nuclear shuttling protein) (VAN) (mVAN),FUNCTION: Inhibits NF-kappa-B activation and TNF-induced NF-kappa-B-dependent gene expression by regulating TAX1BP1 and A20/TNFAIP3-mediated deubiquitination of IKBKG, proposed to link A20/TNFAIP3 to ubiquitinated IKBKG (By similarity). Involved in regulation of EGF-induced ERK1/ERK2 signaling pathway, blocks MAPK3/MAPK1 nuclear translocation and MAPK1-dependent transcription. Increases cell surface CD4(T4) antigen expression. Involved in the anti-inflammatory response of macrophages and positively regulates TLR-induced activation of CEBPB. Involved in the prevention of autoimmunity, this

## Target Details

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function implicates binding to polyubiquitin. Involved in leukocyte integrin activation during inflammation, this function is mediated by association with SELPLG and dependent on phosphorylation by SRC-family kinases. {ECO:0000250|UniProtKB:Q15025, ECO:0000269|PubMed:12586352, ECO:0000269|PubMed:21606507, ECO:0000269|PubMed:22011580}.

Molecular Weight: 73.1 kDa

UniProt: [Q9WUU8](#)

Pathways: [Activation of Innate immune Response](#)

## Application Details

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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

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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