

Recombinant Human TNFAIP3 Interacting Protein 1, His-tagged

Cat. No. TNIP1-2881H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TNIP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	TNIP1 (TNFAIP3-interacting protein 1) has been shown to interacts with zinc finger protein A20/TNFAIP3 and inhibits TNF-induced NF-kappa-B-dependent gene expression by interfering with an RIP- or TRAF2-mediated transactivation signal. In addition, interacts with HIV-1 matrix protein and is packaged into virions and overexpression can inhibit viral replication. It may regulate matrix nuclear localization, both nuclear import of PIC (Preintegration complex) and export of GAG polyprotein and viral genomic RNA during virion production.
Sequence	MGSSHHHHHH SSGLVPRGSH MSNVTASPTA PACPSDKPAP VQKPPSSGTS SEFEVVTPEE QNSPESSSHA NAMALGPLPR EDGNLMLHLQ RLETTLSVCA EEDDHGQLFT HLGRMALEFN RLASKVHKNE QRTSILQTLQ EQLRKENEAL KAKLDKGLEQ RDQAAERLRE ENLELKKLLM SNGNKEGASG RPGSPKMEGT GKKAVAGQQQ ASVTAGKVPE VVALGAAEKK VKMLEQQRSE LLEVNKQWDQ HFRSMKQQYE QKITELRQKL ADLQKQVTDL EAEREQKQRD FDRKLLAKS KIEMEETDKE QLTAEAKELR QKVLYLQDQL SPLTRQREYQ EKEIQRNLKA LEEALSIQTP PSSPPTAFGS PEGAGALLRK QELVTQNELL KQQVKIFEED

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	FQRERSDRER MNEEKEELKK QVEKLQAQVT LSNAQLKAFK DEEKAREALR QQKRKAKA.
Purity	> 75% by SDS – PAGE.
MW	51.8kDa (458aa) confirmed by MALDI-TOF.
Form	Liquid. 20mM Tris-HCl buffer (pH7.5) containing 20% glycerol, 5mM DTT, 200mM NaCl.
Concentration	0.25mg/ml (determined by Bradford assay).
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	TNIP1 TNFAIP3 interacting protein 1 [Homo sapiens]
Synonyms	TNIP1; TNFAIP3 interacting protein 1; ABIN-1, KIAA0113, NAF1, VAN; HIV-1 Nef-interacting protein; Nef-associated factor 1 SNP; TNFAIP3-interacting protein 1; hVAN; nip40-1; virion-associated nuclear shuttling protein; virion-associated nuclear-shuttling protein
Gene ID	10318
mRNA Refseq	NM_006058
Protein Refseq	NP_006049
MIM	607714

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UniProt ID	Q15025
Chromosome Location	5q32-q33.1
Function	protein binding

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