

AR09719PU-N**Human TNIP1 (94-530, His-tag) - Purified****Alternate names:**

HIV-1 Nef-interacting protein, KIAA0113, NAF1, Nef-associated factor 1, Nip40-1, TNFAIP3-interacting protein 1, VAN, Virion-associated nuclear shuttling protein

Quantity:

50 µg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

TNIP1 (TNFAIP3-interacting protein 1) has been shown to interact 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.

Uniprot ID:

[Q15025](#)

NCBI:

[NP_006049](#)

GeneID:

[10318](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >75%

Buffer System: 20mM Tris-HCl buffer (pH7.5) containing 20% glycerol, 5mM DTT, 200mM NaCl

Description:

Recombinant human TNIP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MSNVTASPTA PACPSDKPAP VQKPPSSGTS SEFEVVTPEE
QNSPESSSHA NAMALGPLPR EDGNLMLHLQ RLETTLSVCA EEPDHGQLFT HLGRLMALEFN
RLASKVHKNE QRTSILQTLT EQLRKENEAL KAKLDKGLEQ RDQAAERLRE ENLELKKLLM
SNGNKEGASG RPGSPKMEGT GKKAVAGQQQ ASVTAGKVPE VVALGAAEKK VKMLEQQRSE
LLEVNKQWDQ HFRSMKQYE QKITELRQKL ADLQKQVTDL EAEREQKQRD FDRKLLLAKS
KIEMEETDKE QLTAEAKELR QKVLYLQDQL SPLTRQREYQ EKEIQRLNKA LEEALSIQTP
PSSPPTAFGS PEGAGALLRK QELVTQNELL KQQVKIFEEF FQRERSDRER MNEEKEELKK
QVEKLQAQVT LSNAQLKAFK DEEKAREALR QQKRKAKA

Molecular weight: 51.8 kDa (458aa) confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

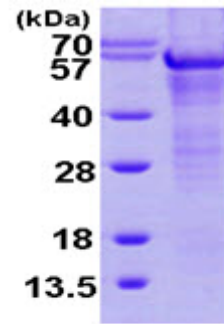
Shelf life: one year from despatch.

General Readings:

He CF., et al. (2010) *Lupus* 19(10):1181-6.

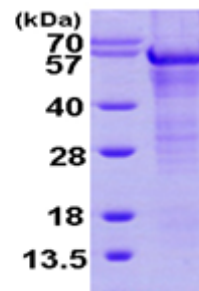
Gateva V., et al. (2009) *Nat Genet.* 41(11):1228-33.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human TNIP1, 94-530aa,
His-tagged



15% SDS-PAGE (3ug)