

TNIP1 Human

Description: TNIP1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 458 amino acids (94-530 a.a.) and having a molecular mass of 51.8kDa. The TNIP1 is purified by proprietary chromatographic techniques.

Catalog #:PRPS-012

For research use only.

Synonyms: TNFAIP3-interacting protein 1, HIV-1 Nef-interacting protein, Nef-associated factor 1, Naf1, Nip40-1, Virion-associated nuclear shuttling protein, VAN, hVAN, TNIP1, KIAA0113, NAF1, ABIN-1.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MSNVTASPTA PACPSDKPAP
VQKPPSSGTS SEFEVVTPEE QNSPESSSHA NAMALGPLPR EDGNLMLHLQ RLETTLSVCA
EEDPHGQLFT HLGRMALEFN RLASKVHKNE QRTSILQTLQ EQLRKENEAL KAKLDKGLEQ
RDQAAERLRE ENLELKKLLM SNGNKEGASG RPGSPKMEGT GKKAVAGQQQ ASVTAGKVPE
VVALGAAEKK VK

Purity: Greater than 75.0% as determined by SDS-PAGE.

Formulation:

The TNIP1 solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH7.5), 20% glycerol, 5mM DTT and 200mM NaCl.

Stability:

TNIP1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

TNFAIP3-interacting protein 1 (TNIP1) interacts with zinc finger protein A20/TNFAIP3 and inhibits TNF-induced NF-kappa-B-dependent gene expression by interfering with a RIP- or TRAF2-mediated transactivation signal. Furthermore, TNIP1 interacts with HIV-1 matrix protein and is packaged into virions and its overexpression can inhibit viral replication. TNIP1 can regulate matrix nuclear localization, both nuclear import of Preintegration complex (PIC) and export of GAG polyprotein and viral genomic RNA during virion production.

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