

## 32-5097: Recombinant Human TNFAIP3 Interacting Protein 1

**Alternative Name :** 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.

### Description

Source : Escherichia Coli. 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. 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.

### Product Info

**Amount :** 5 µg  
**Purification :** Greater than 75.0% as determined by SDS-PAGE.  
**Content :** The TNIP1 solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH7.5), 20% glycerol, 5mM DTT and 200mM NaCl.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MSNVTASPTA PACPSDKPAP VQKPPSSGTS SEFEVTPTEE QNSPESSSHA  
NAMALGPLPR EDGNLMLHLQ RLETTLSVCA EEPDHGQLFT HLGRMALEFN RLASKVHKNE QRTSILQTLQ  
EQLRKENEAL KAKLDKGLEQ RDQAAERLRE ENLELKKLLM SNGNKEGASG RPGSPKMEGT  
GKKAVAGQQQ ASVTAGKVPE VVALGAAEKK VKMLEQQRSE LLEVNKQWDQ HFRSMKQOYE  
QKITELRQKL ADLQKQVTDL EAEREQKQRD FDRKLLAKS KIEMEETDKE QLTAEAKELR QKVYKYLQDQL  
SPLTRQREYQ EKEIQRNLKA LEEALSIQTP PSSPPTAFGS PEGAGALLRK QELVTQNELL KQVKIFEED  
QRRERSDRER MNEEKEELKK QVEKLQAQVT LSNAQLKAFK DEEKAREALR QQKRKAKA.