

TNIP1, 94-530aa, Human, His tag, E.coli

Cat.NO.: TP04268

3th Edition

Synonyms:TNFAIP3 interacting protein 1, ABIN-1, NAF1, VAN, Nip40-1

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

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

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

Sequences:

MGSSHHHHHSSGLVPRGSHMSNVTASPTAPACPSDKPAPVQKPPSSGTSSEFEVVTPEEQNSPESSSHANAMA
LGPLPREDGNLMLHLQRLETTLSVCAEEPDHGQLFTHLGRMALEFNRLASKVHKNEQRTSILQTLCEQLRKENEAL
KAKLDKGLEQRDQAAERLREENLELKKLLMSNGNKEGASGRPGSPKMEGTGKKAVAGQQQASVTAGKVPEVVAL
GAAEKVKMLEQQRSELLEVNKQWDQHFRSMKQQYEQKITELRQKLADLQKQVTDLEAEREQKQRDFDRKLLLA
KSKIEEMEETDKEQLTAEAKELRQKVLYLQDQLSPLTRQREYQEKEIQRLNKALEEALSQTTPSSPPTAFGSPEGAG
ALLRKQELVTQNELLKQVQKIFEEDFQRERSDRERMNEEKEELKKQVEKLQAQVTLNAQLKAFKDEEKAREALRQ
QKRKAKA

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.