Recombinant human TNIP1 protein

Catalog Number: ATGP0780

PRODUCT INFORMATION

Expression system
E.coli

Domain
94-530aa

UniProt No.
Q15025

NCBI Accession No.
NP_006049

Alternative Names
TNFAIP3 interacting protein 1, ABIN-1, NAF1, VAN, Nip40-1

PRODUCT SPECIFICATION

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

Concentration
0.25mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 7.5) containing 20% glycerol, 5mM DTT, 200mM NaCl

Purity
> 80% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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

conventional chromatography techniques.

Amino acid Sequence

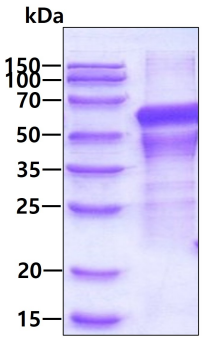
<MGSSHHHHHH SSGLVPRGSH> MSNVTASPTA PACPSDKPAP VQKPPSSGTS SEFEVVTPEE QNSPESSSHA NAMALGPLPR EDGNLMLHLQ RLETTLSVCA EEPDHGQLFT HLGRMALEFN RLASKVHKNE QRTSILQTLC EQLRKENEAL KAKLDKGLEQ RDQAAERLRE ENLELKKLLM SNGNKEGASG RPGSPKMEGT GKKAVAGQQQ ASVTAGKVPE VVALGAAEKK VKMLEQQRSE LLEVNKQWDQ HFRSMKQQYE QKITELRQKL ADLQKQVTDL EAEREQKQRD FDRKLLLAKS KIEMEETDKE QLTAEAKELR QKVKYLQDQL SPLTRQREYQ EKEIQRLNKA LEEALSIQTP PSSPPTAFGS PEGAGALLRK QELVTQNELL KQQVKIFEED FQRERSDRER MNEEKEELKK QVEKLQAQVT LSNAQLKAFK DEEKAREALR QQKRKAKA

General References

He CF., et al. (2010) Lupus 19(10):1181-6
Gateva V., et al. (2009) Nat Genet.41(11):1228-33.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.