

Recombinant Human TNIP1, His-tagged

Cat. No. TNIP1-31581TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 94-530 of Human TNIP1 with an N terminal His tag; 458 amino acids with tag, Predicted MWt 51.8 kDa.
Species	Human
Source	E.coli
ProteinLength	437 amino acids
Description	This gene encodes an A20-binding protein which plays a role in autoimmunity and tissue homeostasis through the regulation of nuclear factor kappa-B activation. Mutations in this gene have been associated with psoriatic arthritis, rheumatoid arthritis, and systemic lupus erythematosus. Multiple transcript variants encoding different isoforms have been found for this gene.
Conjugation	HIS
Molecular Weight	51.800kDa inclusive of tags
Tissue specificity	Ubiquitous. Strongly expressed in peripheral blood lymphocytes, spleen and skeletal muscle, and is weakly expressed in the brain.
Form	Liquid
Purity	by SDS-PAGE

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Storage buffer	Preservative: None Constituents: 20% Glycerol, 5mM DTT, 200mM Sodium chloride, 20mM Tris HCl, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	<p>MGSSHHHHHHSSGLVPRGSHMSNVTASPTAPACPSDKPAPVQKPPSSGTSSEFEV</p> <p>VTPEEQNSPESSSHANAMALGPLPREDGNLMLHLQRLETTLSVCAEEDPHGQLFTH</p> <p>LGRMALEFNRLASKVHKNEQRTSILQTLCEQLRKENEALKAKLDKGLEQRDQAAERL</p> <p>REENLELKKLLMSNGNKEGASGRPGSPKMEGTGKKAVAGQQQASVTAGKVPEVVA</p> <p>LGAAEKKVKMLEQQRSELLEVNKQWDQHFRSMKQQYEQKITELRQKLADLQKQVT</p> <p>DLEAEREQKQRDFDRKLLAKSKIEMEETDKEQLTAEAKELRQKVYQLDQLSPLTR</p> <p>QREYQEKEIQRLNKALEEALSIQTPSSPPTAFGSPEGAGALLRKQELVTQNELLKQ</p> <p>QVKIFEEDFQRERSDRERMNEEKEELKKQVEKLQAQVTLNAQLKAFKDEEKAREA</p> <p>LRQQKRKAKA</p>

GENE INFORMATION

Gene Name	TNIP1 TNFAIP3 interacting protein 1 [Homo sapiens]
Official Symbol	TNIP1
Synonyms	TNIP1; TNFAIP3 interacting protein 1; TNFAIP3-interacting protein 1; ABIN 1; KIAA0113; NAF1; Nef associated factor 1 SNP; VAN; virion associated nuclear shuttling protein;
Gene ID	10318
mRNA Refseq	NM_006058
Protein Refseq	NP_006049

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MIM	607714
Uniprot ID	Q15025
Chromosome Location	5q32-q33.1
Pathway	EGFR1 Signaling Pathway, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
Function	protein binding;

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