

Recombinant Human TANK

Cat. No. TANK-517H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TANK protein was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. 13.6 kDa (119 aa).
Species	Human
Source	E.coli
Description	TANK, also known as TRAF(tumor necrosis factor receptor-associated Factor)-interacting protein, is found in the cytoplasm and can bind to TRAF1, TRAF2, or TRAF3, thereby proposing that this protein is an inhibitor of TRAF function that regulates TRAF protein activity by sequestering TRAFs in a latent state in the cytoplasm. Overexpression of TANK inhibits TRAF2-mediated NF-Kappa-B activation signaled by CD40 and both TNF receptors and inhibits LMP1-mediated NF-kappa-B activation by blocking the association of TRAF2 with LMP1.
Amino Acid Sequence	MDKNIGEQLN KAYEAFRQAC MDRDSAVKEL QQKTENYEQR IREQQEQLSL QQTIIDKLKS QLLLVNSTQD NNYGCVPLLE DSETRKNNLT LDQPQDKVIS GIAREKLPKV DIA SAESSI.
Form	Liquid. In 20mM Tris-HCl buffer (pH8.0).
Purity	> 90% by SDS – PAGE.
Concentration	1 mg/ml (determined by Bradford assay).

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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.

GENE INFORMATION

Gene Name TANK TRAF family member-associated NFkB activator [Homo sapiens]

Synonyms TANK; TRAF family member-associated NFkB activator; TRAF2; I-TRAF; TRAF interacting protein TANK; TRAF family member-associated NF-KAPPA-B activator; TRAF-interacting protein; I-TRAF; TRAF interacting protein

Gene ID 10010

mRNA Refseq NM_004180

Protein Refseq NP_004171

MIM 603893

UniProt ID Q92844

Chromosome Location 2q24-q31

Pathway RIG-I-like receptor signaling pathway

Function metal ion binding; protein binding; zinc ion binding

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