

## Recombinant Human TANK

Cat. No. TANK-31497TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment, corresponding to amino acids 1-119 of human TANK isoform b; 119 amino acids, 13.6 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-119 a.a.
<b>Description</b>	<p>The TRAF (tumor necrosis factor receptor-associated factor) family of proteins associate with and transduce signals from members of the tumor necrosis factor receptor superfamily. The protein encoded by this gene is found in the cytoplasm and can bind to TRAF1, TRAF2, or TRAF3, thereby inhibiting TRAF function by sequestering the TRAFs in a latent state in the cytoplasm. For example, the protein encoded by this gene can block TRAF2 binding to LMP1, the Epstein-Barr virus transforming protein, and inhibit LMP1-mediated NF-kappa-B activation. Three alternatively spliced transcript variants encoding different isoforms have been found for this gene.</p>
<b>Tissue specificity</b>	Ubiquitous.
<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE

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<b>Storage buffer</b>	Preservative: None Constituents: 20mM Tris, pH 8.0
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Sequences of amino acids</b>	MDKNIGEQLN KAYEAFRQAC MDRDSAVKEL QQKTENYEQR IREQQEQLSL QQTIIDKLKS QLLLVNSTQD NNYGCVPLLE DSETRKNNLT LDQPQDKVIS GIAREKLPKV DIASAESSI
<b>Sequence Similarities</b>	Contains 1 C2H2-type zinc finger.

## GENE INFORMATION

<b>Gene Name</b>	TANK TRAF family member-associated NFKB activator [ Homo sapiens ]
<b>Official Symbol</b>	TANK
<b>Synonyms</b>	TANK; TRAF family member-associated NFKB activator; TRAF2; TRAF family member-associated NF-kappa-B activator; I TRAF;
<b>Gene ID</b>	10010
<b>mRNA Refseq</b>	NM_004180
<b>Protein Refseq</b>	NP_004171
<b>MIM</b>	603893
<b>Uniprot ID</b>	Q92844
<b>Chromosome</b>	2q24-q31

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<b>Location</b>	
<b>Pathway</b>	Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; RIG-I-like receptor signaling pathway, organism-specific biosystem; RIG-I-like receptor signaling pathway, conserved biosystem; RIG-I/MDA5 mediated induction of IFN-alpha/beta pathways, organism-specific biosystem;
<b>Function</b>	metal ion binding; protein binding;

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