

Recombinant Human TANK

Cat. No. TANK-31443TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human TANK , predicted MWt 13.6kDa.
Species	Human
Source	E.coli
ProteinLength	119 amino acids
Description	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.
Molecular Weight	13.600kDa
Tissue specificity	Ubiquitous.
Form	Liquid
Purity	>90% by SDS-PAGE

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Storage buffer	pH: 8.00Constituent:0.24% Tris
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MDKNIGEQLNKAYEAFRQACMDRDSAVKELQQKTENYEQR IREQQEQLSLQQTIID KLKSQLLLVNSTQDNNYGCVPLLE DSETRKNNLTLDQPQDKVISGIAREKLPKVDIAS AESSI
Sequence Similarities	Contains 1 C2H2-type zinc finger.

GENE INFORMATION

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

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Location	
Pathway	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;
Function	metal ion binding; protein binding;

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