

Recombinant Human TANK

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

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1-119 of human TANK isoform b; 119 amino acids, 13.6 kDa.
Species	Human
Source	E.coli
ProteinLength	1-119 a.a.
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.
Tissue specificity	Ubiquitous.
Form	Liquid
Purity	>90% by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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