

Recombinant Human TANK Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TANK-4997H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TANK MS Standard C13 and N15-labeled recombinant protein (NP_004171) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 Mass	47.8 kDa
AA Sequence	MDKNIGEQLNKAYEAFRQACMDRDSAVKELQQKTENYEQRIREQQEQLSLQQTIID KLKSQLLLNVNSTQDNNYGCVPLLEDSETRKNNLTLDPQDKVISGIAREKLPKVRRO EVSSPRKETSARSLGSPLLHERGNIEKTFWDLKEEFHKICMLAKAQKDHLSKLNIPDT ATETQCSVPIQCTDKTDKQEALFKPQAKDDINRGAPSITSVTPRGLCRDEEDTSFES

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LSKFNVKFPMDNDSTFLHSTPERPGILSPATSEVVCQEKFNMEFRDNPNGNFVKTE
 ETLFEIQGIDPIASAIQNLKTTDKTKPSNLVNTCIRTTLDRAACLPPGDHNLALYNSFPL
 LDPSDAPFPSPLDSPGKAIRGPQQPIWKPFNPQSDSDSVVLSGTDSELHIPRVCEFCQA
 VFPPSITSRGDFLRHLNSHFNGETTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name TANK TRAF family member-associated NFKB activator [Homo sapiens (human)]

Official Symbol TANK

Synonyms TANK; TRAF family member-associated NFKB activator; TRAF2; TRAF family member-associated NF-kappa-B activator; I TRAF; TRAF-interacting protein; I-TRAF;

Gene ID 10010

mRNA Refseq NM_004180

Protein Refseq NP_004171

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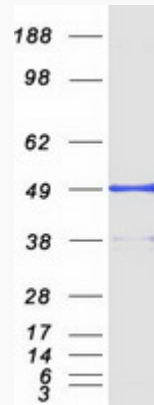
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MIM 603893

UniProt ID Q92844

SDS-PAGE



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