

## Product datasheet for TP309759

### TANK (NM\_004180) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human TRAF family member-associated NFKB activator (TANK), transcript variant 1, 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC209759 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MDKNIGEQLNKAYEAFRQACMDRDSAVKELQQKTENYEQRIREQQEQLSLQQTIIIDKLKSQLLLLVNSTQD  
NNYGCVPLLEDSETRKNNLTDQPQDKVISGIAREKLPKVRREQEVSSPRKETSARSLSGPLLHERGNIEK  
TFWDLKEEFHKICMLAKAQKDHLKLNIPDTATETQCSVPIQCTDKTKQEALFKPAKDDINRGAPSIT  
SVTPRGLCRDEEDTSFESLSKFNKFPMPDNDSTFLHSTPERPGILSPATSEVVCQEKFNMEFRDNPNGFN  
VKTEETLFEIQGIDPIASAIQNLKTTDKTKPSNLVNTCIRTLDRAACLPPGDHNALYVNSFPLLDPSDA  
PFPSLDSPGKAIRGPQQPIWKPFNPQSDSVLSGTDSELHIPRVCEFCQAVFPPSITSRGDFLRHLNSH  
FNGET

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 47.6 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

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

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



[View online »](#)

RefSeq: [NP\\_004171](#)

Locus ID: 10010

UniProt ID: [Q92844](#)

RefSeq Size: 2089

Cytogenetics: 2q24.2

RefSeq ORF: 1275

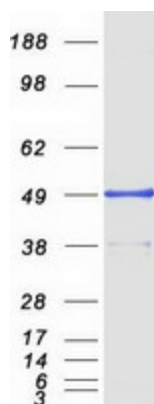
Synonyms: I-TRAF; ITRAF; TRAF2

**Summary:** 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. [provided by RefSeq, Nov 2010]

**Protein Families:** Druggable Genome

**Protein Pathways:** RIG-I-like receptor signaling pathway

### Product images:



Coomassie blue staining of purified TANK protein (Cat# TP309759). The protein was produced from HEK293T cells transfected with TANK cDNA clone (Cat# [RC209759]) using MegaTran 2.0 (Cat# [TT210002]).