

## Product datasheet for PH309759

### TANK (NM\_004180) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TANK MS Standard C13 and N15-labeled recombinant protein (NP_004171)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209759
Predicted MW:	47.8 kDa
Protein Sequence:	>RC209759 protein sequence Red=Cloning site Green=Tags(s)

MDKNIGEQLNKAYEAFRQACMDRDSAVKELQQKTENYEQRIREQQEQLSLQQTIIIDKLKSQLLLVNSTQD  
NNYGCVPLLEDSETRKNNLTLDPQDKVISGIAREKLPKVRQEVSSPRKETSARSLGSPLLHERGNIEK  
TFWDLKEEFHKICMLAKAQKDHLSKLNIPDTATETQCSVPIQCTDKTDKQEALFKPQAKDDINRGAPSIT  
SVTPRGLCRDEEDTSFESLSKFNVKFPMPDNDSTFLHSTPERPGILSPATSEVVCQEKFNMEFRDNPNGF  
VKTEETLFEIQGIDPIASAIQNLKTTDKTKPSNLVNTCIRTTLDRAACLPPGDHNLVYNSFPLLDPSDA  
PFPSLDSPGKAIRGPQQPIWKPFNPQSDSVLSGTSELHIPRVCFQCQAVFPPSITSRGDFLRHLNSH  
FNGET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_004171</a></u>
RefSeq Size:	2089
RefSeq ORF:	1275
Synonyms:	I-TRAF; ITRAF; TRAF2



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Locus ID: 10010

UniProt ID: [Q92844](#)

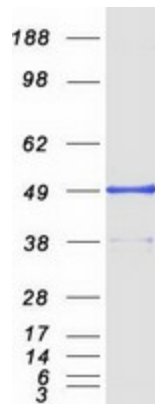
Cytogenetics: 2q24.2

**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]).