

## Product datasheet for TP302418L

### TRAF1 (NM\_005658) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human TNF receptor-associated factor 1 (TRAF1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202418 protein sequence Red=Cloning site Green=Tags(s)

MASSSGSSPRPAPDENEFFPGCPPTVCQDPKEPRALCCAGCLSENPRNGEDQICPKCRGEDLQSSISPGSR  
LRTQEKAHPEVAEAGIGCFAGVGCSEFKGSPQSVQEHEVTSQTSHLNLLLGFMKQWKARLGCGLGSGPMA  
LEQNLSDLQLQAAVEVAGDLEVDCYRAPCSSESQEELALQHFMKEKLLAELEGKLRVFENIVAVLNKEVEA  
SHLALATSIHQSLDRERILSLEQRVVELQQTLAQKDQALGKLEQSLRLMEEASFDGTFWLKITNVTRRC  
HESACGRTVSLFSPAIFYTAKYGYKLCRLRLYNGDGTGKRTHLSLFFVIMRGEYDALLPWPFRNKVTFMMLL  
DQNNREHAIDAFRPDLSSASFQRPQSETNVASGCPLFFPLSKLQSPKHAYVKDDTMFLKCIVETST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	46 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.
RefSeq:	<a href="#">NP_005649</a>
Locus ID:	7185



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UniProt ID: [Q13077](#)

RefSeq Size: 4450

Cytogenetics: 9q33.2

RefSeq ORF: 1248

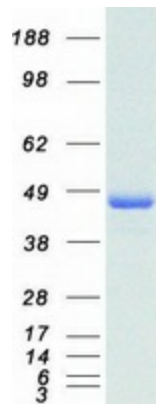
Synonyms: EBI6; MGC:10353

**Summary:** The protein encoded by this gene is a member of the TNF receptor (TNFR) associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from various receptors of the TNFR superfamily. This protein and TRAF2 form a heterodimeric complex, which is required for TNF-alpha-mediated activation of MAPK8/JNK and NF-kappaB. The protein complex formed by this protein and TRAF2 also interacts with inhibitor-of-apoptosis proteins (IAPs), and thus mediates the anti-apoptotic signals from TNF receptors. The expression of this protein can be induced by Epstein-Barr virus (EBV). EBV infection membrane protein 1 (LMP1) is found to interact with this and other TRAF proteins; this interaction is thought to link LMP1-mediated B lymphocyte transformation to the signal transduction from TNFR family receptors. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]

**Protein Families:** Druggable Genome

**Protein Pathways:** Pathways in cancer, Small cell lung cancer

### Product images:



Coomassie blue staining of purified TRAF1 protein (Cat# [TP302418]). The protein was produced from HEK293T cells transfected with TRAF1 cDNA clone (Cat# [RC202418]) using MegaTran 2.0 (Cat# [TT210002]).