

Product datasheet for TP318682

TRAF3 (NM_003300) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human TNF receptor-associated factor 3 (TRAF3), transcript variant 3, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218682 protein sequence Red =Cloning site Green =Tags(s)

MESSKKMDSPGALQTNPPLKLHTDRSAGTPVFVPEQGGYKEKFVKTVEDKYCEKCHLVLCSPKQTECGH
 RFCESCMAALLSSSSPKCTACQESIVKDKVFDNCCCKREILALQIYCRNESRGCAEQLMLGHLLVHLKND
 CHFEELPCVRPDCKEKLRLKDLRDHVEKACKYREATCSHCKSQVPMIALQKHEDTDCPCVWVSCPHKCSV
 QTLRLSELSAHLSECVNAPSTCSFKRYGCVFQGTNQQIKAHEASSAVQHVNLLKEWSNSLEKKVSLQNE
 SVEKNKSIQSLHNQICSFEIEIERQKEMLRNNEKILHLQRVIDSQAELKELDKAIRPFRQNWEEADSM
 KSSVESLQNRVTELESVDKSAGQVARNTGLLESQSLRHDQMLSVHDIRLADMDLRFQVLETASYNGVLIW
 KIRDYKRRKQEAVMGKTLISLQPFYTGFGYKMCARVYLNGDGMGKGTHLSLFFVIMRGEYDALLPWPF
 KQKVTLMMLMDQGSSRRHLGDAFKPDNPSSFFKKPTGEMNIASGCPVFVAQTVLENGTYIKDDTIFIKVIV
 DTSDLDPD

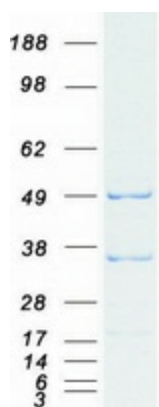
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	64.3 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.


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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:	<u>NP_003291</u>
Locus ID:	7187
UniProt ID:	<u>Q13114</u>
RefSeq Size:	7654
Cytogenetics:	14q32.32
RefSeq ORF:	1704
Synonyms:	CAP-1; CAP1; CD40bp; CRAF1; IIAE5; LAP1; RNF118
Summary:	The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from, members of the TNF receptor (TNFR) superfamily. This protein participates in the signal transduction of CD40, a TNFR family member important for the activation of the immune response. This protein is found to be a critical component of the lymphotoxin-beta receptor (LTbetaR) signaling complex, which induces NF-kappaB activation and cell death initiated by LTbeta ligation. Epstein-Barr virus encoded latent infection membrane protein-1 (LMP1) can interact with this and several other members of the TRAF family, which may be essential for the oncogenic effects of LMP1. The protein also plays a role in the regulation of antiviral response. Mutations in this are associated with Encephalopathy, acute, infection-induced, herpes-specific 5. [provided by RefSeq, Jul 2020]
Protein Families:	Druggable Genome
Protein Pathways:	Pathways in cancer, RIG-I-like receptor signaling pathway, Small cell lung cancer, Toll-like receptor signaling pathway

Product images:



Coomassie blue staining of purified TRAF3 protein (Cat# TP318682). The protein was produced from HEK293T cells transfected with TRAF3 cDNA clone (Cat# [RC218682]) using MegaTran 2.0 (Cat# [TT210002]).