

Product datasheet for **TP508047**

Traf2 (NM_009422) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse TNF receptor-associated factor 2 (Traf2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR208047 protein sequence
Red=Cloning site **Green**=Tags(s)

MAAASVTSPGSLELLQPGFSKTLGTRLEAKYLCSACKNILRRPFQAQCGHRYCSFCLTSILSSGPQNCA
ACVYEGLYEEGISILESSAFPDNAARREVESLPAVCPNDGCTWKGTLKEYESCHEGLCPFLLTECPACK
GLVRLSEKEHHTEQECPKRSLSCQHCRAPCSHVDLEVHYEVC PKFPLTCDGCGKKKIPRETQFDHVRACS
KCRVLCRFHTVGCSEMVETENLQDHELQRLREHLALLSSFFLEAQASPGTLNQGPELLQRCQILEQKIA
TFENIVCVLNREVERVAVTAEACSRQHRLDQDKIEALSNKVQQLERSIGLKDAMADLEQKVSELEVSTY
DGVFIWKISDFTRKRQEAVAGRTPAIFSPAFYTSRYGYKMCLRVYLNNGDGTGRGTHLSLFFVVMKGPND
LLQWPFNQKVTMLLDHNNREHVIDAFRPDVTSSSFQRPVSDMNIASGCLFCPVSMEAKNSYVRDDAI
FIKAIVDLTGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 56 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

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 after receiving vials.

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: [NP_033448](#)



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Locus ID: 22030

UniProt ID: [P39429](#), [Q3U8L1](#), [Q8C6X9](#)

RefSeq Size: 3044

Cytogenetics: 2 A3

RefSeq ORF: 1506

Synonyms: A1325259

Summary: Regulates activation of NF-kappa-B and JNK and plays a central role in the regulation of cell survival and apoptosis. Required for normal antibody isotype switching from IgM to IgG. Has E3 ubiquitin-protein ligase activity and promotes 'Lys-63'-linked ubiquitination of target proteins, such as BIRC3, RIPK1 and TICAM1. Is an essential constituent of several E3 ubiquitin-protein ligase complexes, where it promotes the ubiquitination of target proteins by bringing them into contact with other E3 ubiquitin ligases. Regulates BIRC2 and BIRC3 protein levels by inhibiting their autoubiquitination and subsequent degradation; this does not depend on the TRAF2 RING-type zinc finger domain. Isoform 2 does not seem to mediate activation of NF-kappa-B but inhibits isoform 1 activity. Plays a role in mediating activation of NF-kappa-B by EIF2AK2/PKR. In complex with BIRC2 or BIRC3, promotes ubiquitination of IKBKE. [UniProtKB/Swiss-Prot Function]