

Product datasheet for **MR208836**

Traf5 (NM_011633) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Traf5 (NM_011633) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Traf5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208836 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTCATT**CGGAGGAGCAAGCGGCTGTCCCCTGCGCCTTCATCCGCCAGA**ACTCTGGCAACTCAATTT
 CCTTGGACTTTGAGCCCGACACCGAGTACCAGTTTGTGGAGCAGCTGGAAGAACGCTACAAATGTGCCTT
 CTGCCACTCCGTGCTTCAACCCCCACAGACCGGCTGCGGGCACCGCTTCTGCCAGCAGTGCATCCGG
 TCTCTGAGAGAATTGAACTCGGTGCCGATCTGCCCGGTAGACAAGGAGGTCAAGCCTCAGGAGGTGT
 TCAAAGACA**ACTGCTGCAAAAGAGAAGTTCTCAATTTACACGTCTACTGCAAAAACGCCCCGGGTGCAA**
 TGCCAGGATTATTCTGGGACGATTCCAGGACCACCTTCAGCACTGTTCTTCCAAGCCGTGCCCTGCCCT
 AACGAGAGCTGCCGGGAAGCCATGCTCCGGAAGACGTGAAAGAGCACCTGAGCGCATACTGCCGGTTCC
 GAGAGGAGAAGTGCCTTTACTGCAAAAGGGACATAGTGGTGACCAACCTGCAGGATCATGAGGAAA**ACTC**
 GTGTCCTCGCTACCCAGTGTCTTGTCCCAACAGGTGTGTGCAGACTATTCCAAGAGCTAGGGTGAATGAA
 CACCTTACTGTATGTCTGAGGCTGAGCAAGACTGTCCTTTAAGCACTATGGCTGCACTGTCAAGGGTA
 AGCGGGGGA**ACTT**GCTGGAGCATGAGCGGGCAGCCCTGCAGGACCACATGCTTCTGGTTTTAGAGAAGAA
 CTACCAACTAGAACAGCGGATCTCTGATTTATATCAGAGTCTCGAACAGAAGGAAAGCAAGATCCAGCAG
 CTGGCAGAAACCGTGAAGAAGTTCGAAAAGGAGCTTAAGCAGTTCACACAGATGTTTGGCAGAAATGGAA
 CTTTCTCTCAAATGTCCAGGCTCTCACCAGTCAACGGACAAGTCAAGTGGCTGGAAGCGCAGGTGCG
 GCAGCTGCTACAAATAGTTAACCAGCAGCAAGTGCAGTTGATCTGAGGTCTTTGGTGGATGCGGTTGAC
 AGCGTGAACAGAGGATCACCCAGCTGGAAGCCAGTGACCAGAGATTAGTCTTTTAGAGGGGAGACCA
 GCAAGCAGCAGCACACATTAATCCACAAGCACAGCTGAATAAGAACGAAGAGCGGTTAAGCAGCT
 GGAGGGCGCTGCTACAGTGGCAAGCTCATCTGGAAGGTGACAGATTACAGGGTGAAGAAGAGGGAGGCC
 GTGGAGGGGCACACAGTGTCCGTCTCAGCCAGCCTTTCTACACCAGCCGCTGCGGCTACCGGCTCTGTG
 CCAGGGCGTACCTGAACGGGGACGGGTGCGGGAAGGGAACGCACCTGTCCCTGTACTTTGTGGTATGCG
 CGGTGAGTTT**GACTCGCTGCTGCAGTGGCCGTT**CAGGCAGAGGGTACCCTGATGCTTTTGGACCAGAGC
 GGCAAGAAGAACCATATTGTGGAGACCTTCAAAGCTGACCCCAACAGCAGCAGCTTCAAAGGCCAGATG
 GCGAGATGAACATTGCCTCTGGCTGTCCCGCTTGTGTGCGACTTACTCTGGAGA**ACTCCAAGAACAC**
 CTACATTAAGAGACACACTGTTCTTGAAGTGGCCGTGGATTA**ACTGACTTGGAGGATCTG**

ACGCGTACGCGGCCGCTCGAGCAGAA**ACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT**
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208836 protein sequence
 Red=Cloning site Green=Tags(s)

MAHSEEQAAVPCAFIRQNSGNSISLDFEPDTEYQFVEQLEERYKCAFCHSVLHNPQTGCGHRFCQQCIR
 SLRELNSVPICPVDKEVIKQEVFKDNCCKREVLNLHVYCKNAPGCNARIILGRFQDHLQHCSFQAVPCP
 NESCREAMLRKDVKEHLSAYCRFREEKLYCKRDIVVTNLQDHEENSCPAYPVSCPNRCVQTIIPRARVNE
 HLTVCPEAEQDCPFKHYGCTVKGKRGNLEHERAALQDHMLLVLEKNYQLEQRIISDLIYQSLQESKIQQ
 LAETVKKFEKELKQFTQMFGRNGTFLSNVQALTSHTDKSAWLEAQRQLLQIVNQPSRLDLRSLVDAVD
 SVKQRITQLEASDQRLVLEGETSKHDAHINIHKALNKNEERFKQLEGACYSGLIWKVTDYRVKKREA
 VEGHTVSVFSQPFYTSRCGYRLCARAYLNGDGSKGTHLSLYFVVMRGEFDSLLQWPFQRVTLMLLDQS
 GKKNHIVETFKADPNSSSFKRPDGMNIASGCPRFVSHSTLENSKNYIKDDTLFLKVAVDLTDLEDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_011633

ORF Size: 1677 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_011633.2](#)

RefSeq Size: 2249 bp

RefSeq ORF: 1677 bp

Locus ID: 22033

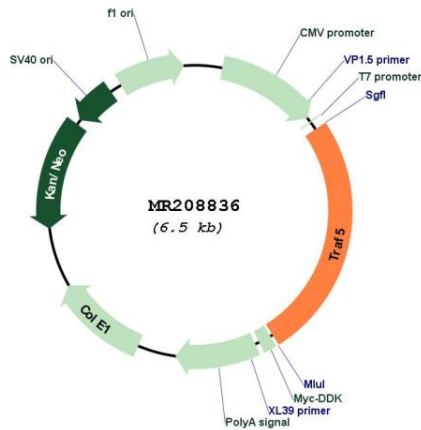
UniProt ID: [P70191](#)

Cytogenetics: 1 97.11 cM

MW: 64.1 kDa

Gene Summary: Adapter protein and signal transducer that links members of the tumor necrosis factor receptor family to different signaling pathways by association with the receptor cytoplasmic domain and kinases. Mediates activation of NF-kappa-B and probably JNK. Seems to be involved in apoptosis. Plays a role in mediating activation of NF-kappa-B by EIF2AK2/PKR. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208836