

Product datasheet for **RR206280**

Traf2 (NM_001107815) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Traf2 (NM_001107815) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Traf2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR206280 representing NM_001107815
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCAGCCAGTGTGACTTCCCTGGCTCCCTAGAAGTCTGCAGCCTGGTCTTCCAAGACCTTC
 TGGGGACAAGGTTAGAAGCCAAGTACCTGTGTTACGCTGCAGAAACATCCTGCGGAGGCCATTCCAGGC
 CCAGTGTGGGCACCGCTACTGCTCTTCTGCTGACCAGCATCCTCAGCTCTGGGCTCAGAACTGTGCT
 GCCTGTGTTACGAAGGCTGTATGAAGAAGGCATTTCTATTTTAGAGAGCAGTTCGGCCTTCCAGATA
 ACGCTGCCCGCAGAGAGGTGGAGAGCCTGCCAGCCGTCTGTCCCAATGATGGATGCACCTGGAAGGGGAC
 CTTGAAAGAATACGAGAGCTGCCACGAAGGACTGTGCCATTCTGTGACTGAGTGCCTGCGTGTAAA
 GGCCTGGTTCGCCTCAGCGAGAAGAAGCACCACACTGAGCAGGAATGCCCAAAGGAGCCTGAGCTGCC
 AGCACTGCAGGGCACCTGTAGCCATGCAGACCTGGAGCTACACTACGAGGTCTGCCCAAAGTTCCCTT
 AACCTGTGATGGCTGTGGCAAGAAGATCTCTCAGGAGAAGCTTCAGGACCATGTCAGAACGTGCAGTAAG
 TGGCGGGTCTCTGCAGGTTCCACGCCATCGGCTGCTCGGAGCTGGTGGAGACTGAGGACCTGCAGGACC
 ACGAGCTGCAGCGTCTACGGGAACATCTGGCCCTACTGCTGAGCTCGTTCCTGGAGTCCCAAGCCTCACA
 GAACAGGTGGGGCCAGAGCTGTACAGCGGTGCCAGATTTTGGAGCAGAAGATAGCCACCTTTGAGAAC
 ATGTCTGCGTTTTGAACCGGGAGGTAGAGAGGGTAGCAGTACTGCAGAGGCTTGTAGCCGGCAGCACC
 GTCTGGACCAGGACAAGATTGAGGCCCTAAGCAACAAGGTGCAGCAGCTGGAGAGGAGCATCGGCCCTCA
 GGACCTGGCCATGGCTGACCTGGAGCAGAAGGTCTCAGAGTTGGAGGTGTCCACCTATGATGGGGTCTTC
 ATCTGGAAGATCTCCGACTTCGCCAGAAAACGTCAGGAAGCCATCGCTGGCCGGACACCTGCTATCTTCT
 CCCCAGCCTTCTCACAAGCAGATATGGCTACAAGATGTGTCTCGGGTCTACTTGAATGGCGACGGCAC
 TGGGCGGGAACTCATCTGTCTCTCTTCTCGTGGTGTGAAAGGTCCCAATGATGCTCTCTTACAATGG
 CCTTTTAAATCAGAAGGTGACTTTGATGTTGCTGGACCATAACAACCGAGAGCATGTGATCGACGCATTCA
 GGCCTGATGTAATTCGCTCCTTCCAGAGGCCTGTCAGTGACATGAATATCGCCAGTGGCTGCCCCCT
 CTTCTGCCCGGTGTTCCAAGATAGAGGCCAAGAATCTACGTGCGGGATGACGCCATCTTCATCAAAGCT
 ATTGTGGACCTGACAGGACTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR206280 representing NM_001107815
 Red=Cloning site Green=Tags(s)

MAAASVTPGSLLELLQPGFSKTLGTRLEAKYLCACRNILRRPFQAQCGHRYCSFCLTSILSSGPQNCA
 ACVHEGLYEEGISELESSAFPDNAARREVESLPAVCPNDGCTWKGLKEYESCHEGLCPFLLTECPACK
 GLVRLSEKKHTEQECPKRSLSCQHCRAPCSHADLELHYEVCPKFPLTCDGCGKKISQEKLDHVRTCSK
 CRVLCRFHAIGCSELVETEDLQDHELQRLREHLALLSSFLESQASQNVGPELLQRCQILEQKIATFEN
 IVCVLNREVERVAVTAEACSRQHRLDQDKIEALSNKVQQLERSIGLKDLMADLEQKVSELEVSTYDGVF
 IWKISDFARKRQEAIAGRTPAIFSPAFFTSRYGYKMCLRVYLNVDGTRGTHLSLFFVVMKGPNDALLQW
 PFNQKVTLMMLDHNREHVIDAFRPDVTSSSFQRPVSDMNIAAGCPLFCPVSKIEAKNSYVRDDAIFIKA
 IVDLTGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

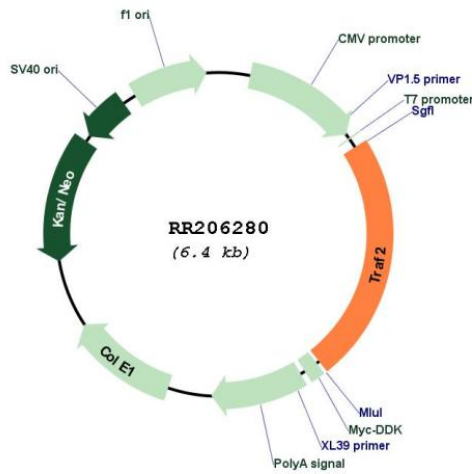
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001107815

ORF Size: 1491 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_001107815.2](#), [NP_001101285.1](#)

RefSeq Size: 2098 bp

RefSeq ORF: 1494 bp

Locus ID: 311786

Cytogenetics: 3p13

MW: 55.6 kDa