

Product datasheet for **RR210265**

Traf4 (NM_001107017) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Traf4 (NM_001107017) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Traf4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR210265 representing NM_001107017
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCCGCTTCGACTACAAGTTCCTGGAGAAGCCCAAGCGGCGCTGCTGTGCCACTGTGCGGAAAC
 CCATGCGCGAGCCTGTGCAGGTGCCACTTGCGCCACCGCTTCTGCGACACCTGCCTGCAGGAGTTCCT
 CAGTGAAGGAGTCTTCAATGCCCTGAAGACCAGCTTCTCTGGACTATGCCAAGATCTACCCGGACCCA
 GAGCTGGAGGTGCAGGTGTAGGCTTGGCTATACGCTGCATCCACAGTGAGGAGGGCTGCCGCTGGAGCG
 GGCCACTTCGTACCTACAGGGCCACTTGAACACTTGCAGCTTCAATGTAGTCCCCTGCCGAATCGCTG
 CCCGCCAAGCTGAGCCGGCGGACCTGCCGCCACCTGCAGCAGACTGCCCTAAGCGCCGCTCAAG
 TGTGAATCTGTGGTTGTGACTTCAGTGGGAGGCTACGAGAGTCACGAGGTGTGTGCCCAAGAGA
 GTGTGTACTGTGAGAACAAGTGTGGTCCCGCATGATGAGGCGACTGTTGGCCAGCAGCCACTTCTGA
 TGCCCAAGCGCACCCAGCCCTGTGCCTACTGTACCAAGGAGTTGTTTATGACACCATCCAGAGCCAC
 CAGTACCAGTGCCACCGCTGCCTGTCCCTGCCCAACCAAGTGTGGAGTGGGCACTGTGCCCGGGAGG
 ACCTGCCACCCATCTGAAGGATAGCTGCAGCACTGCCTTCGTGCTCTGCCCTTCAAAGAGTCTGGCTG
 CAAGCACAGGTGCCCTAAGCTGGCAATGGGACGTATGTGGAGGAAAGTGTAAAGCCACATCTGGCTATG
 ATGTGCGCCCTGGTGAAGCGGACGCGCAAGAGCTGCAGGAGCTGCGCAGAGAGCTGGAGGAGCTATCTG
 TGGGTAGTGATGGAGTGCATCTGGAAGATCGGCAGCTATGGGCGTCGCTACAGGAGGCCAAGGCCAA
 GCCTAACCTGGAGTGCTCAGCCAGCCTTCTATACATAAGTACGTTACAAGCTGCAGGTGTCTGCG
 TTCCTAACCGCAATGGCAGTGGGAGGGTACGCATCTCTCCATCTACATCCGTGTCTGCCAGGCGCT
 TTGACAACTCCTCGAGTGGCCTTTTGACGACGGGTACCTTCTCCCTGCTGGATCAGAGTGACCCAGG
 TTTGGCTAAGCCACAGCATGTACGAGAGACTTCCACCCTGATCCAAACTGGAAGAAGTCCAGAAGCCT
 GGCACTTGGCGAGTTCCCTGGATGAGAGTTCTCTGGGCTTTGGCTACCCAAATTCATTTCCACCAGG
 ACATCCGAAAACGAAATTACGTGCGGGATGATGCAGTTTTTCATCCGTGCCTCTGTGAACTGCCCGGAA
 GATCCTCAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR210265 representing NM_001107017
 Red=Cloning site Green=Tags(s)

MPGFDYKFLKPKRRLLCPLCGKPMREPQVSTCGHRFCDTCLQEFLSEGVPKCPEDQLPLDYAKIYPDP
 ELEVQVLGLAIRCIHSEEGCRWSGPLRHLQGHNTCSFNVPNRCPAKLSRRDLPAHLQHDCPKRRLK
 CEF CGCDFSGEAYESHEGVCPQESVYCNKCGARMRRLLAQHATSECPKRTQPCAYCTKEFVYDTIQSH
 QYQCPRLVPVCPNQCGVGTVAREDLPTHLKDCSTAFVLCPFKESGCKHRCPKLAMGRHVEESVKPHLAM
 MCALVSRQRQELQELRRELEELSVGSDGVLIWKIGSYGRRLQEAKAKPNLECFSPAFYTHKYGYKLQVSA
 FLNNGSGEGTHLSIYIRVLPGAFDNLLEWPFARRVTFSLLDQSDPGLAKPQHVTETTFHPDPNWNKFKP
 GTRWGLDESSLGFGYPKFIHQDIRKRNYYRDDAVFIRASVELPRKILS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

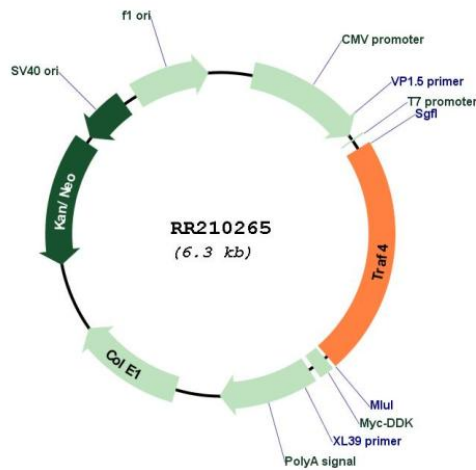
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001107017

ORF Size: 1410 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_001107017.2](#), [NP_001100487.1](#)

RefSeq Size: 2035 bp

RefSeq ORF: 1413 bp

Locus ID: 303285

Cytogenetics: 10q25

MW: 53.5 kDa