

## Product datasheet for **RR212734**

### Tnfrsf1a (NM\_013091) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfrsf1a (NM_013091) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tnfrsf1a
Synonyms:	TNFR-1; Tnfr1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

>RR212734 representing NM\_013091  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGGTCTCCCCATCGTGCCTGGCTGCTGCTGCTCACTGGTGCTCCTGGCTCTGCTGATGGGATACACC  
 CATCAGGGGTCACCGACTGTTCTTCTTGGTGACCGGAGAGAAGAGGATAAATTTGTGCCAGGG  
 AAAGTATGCCATCCAAAGAATAATTCCATCTGCTGCACCAAGTCCACAAAGGAACCTACTTGGTGA  
 GACTGTCCAAGCCAGGGCAGGAAACAGTCTGCGAGGTGTGTGATAAAGGCACCTTTACAGCTTCGAGA  
 ACCACGTCAGACAGTGTCTCAGTTGCAAGACATGTCGAAAGAAATGTTCCAGGTGGAGATTTCTCTTG  
 CAAAGCTGACATGGACACCGTGTGTGGCTGCAAGAAGAACCAATCCAGCGCTACCTGAGTGAGACGCAT  
 TTCCAGTGTGGACTGCAGCCCTGCTCAATGGCACCGTGACAATCCCCTGTAAGGAGAAACAGAAC  
 CCGTGTGTA**ACTGCCACGCAGGAT**CTTTCTAAGCGGAAATGAGTGCACCCCTTGACGCCACTGCAAGAA  
 AAATCAGGAATGTATGAAGCTGTGCCTACCTCCAGTTGCAAATGTCACAAACCCCAAGACTCAGTACT  
 GCCGTGCTGTTGCCTCTGGTTATCTTCTAGGCTTTGCCTTTATTCTTATCTGCATCAGTCTACTGT  
 GCCGATATCCCCAGTGGAGGCCAGGGTCTACTCCATCATTTGTAGGGATTACAGCTCCTGTCAAAGAGGT  
 GGAGGGTGAAGGAATTGTTACTAAGCCCCTAATCCAGCCTCTATCCCAGCCTTCAGCCCCAACCCGGC  
 TTCAACCCCACTCTGGGCTTCAGCACCCACCCACGCTTCAGTCATCCTGTCTCCAGTACCCCATCAGCC  
 CCGTCTTCGGTCTAGTAACTGGCACAACCTCGTGCCACCTGTAAGAGAGGTGGTCCCAACCCAGGGTGC  
 TGACCCCTCCTCTACGGATCCCTCAACCTGTGCCAATCCCCGCCCTGTTGGAAATGGGAAGACGTC  
 GTCGCGGCCAGCCACAACGGCTTGACTGACAGCCCTGCGATGCTGTATGCTGTTGGTGGATGGCGTGC  
 CTCCGACACGCTGGAAGGAGTTCATGCGGCTCCTGGGGCTGAGCGAGCAGAGATCGAGCGGCTGGAGT  
 GCAGAACGGGCGTTGCCTCCGCGAGGCTCATTACAGCATGCTGGAAGCCTGGCGGCCCGCACACCGCGA  
 CACGAGGCCACGCTGGACGTAGTGGGCCCGTGTCTTGCACATGAACCTGCGTGGCTGCCTGGAGAACA  
 TCCGCGAGACTCTAGAAAGCCCTGCCACTCGTCCACGACCCACCTCCCGCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR212734 representing NM\_013091  
 Red=Cloning site Green=Tags(s)

MGLPIVPGLLL~~SLVLL~~ALLMGIHPSGVTGLVPSLGDREKRDNLCPQGYAHPKNNSICCTKCHKGTYLVS  
 DCPSPGQETVCEVCDKGTFTASQNHVRQCL~~SCKT~~CRKEMFQVEISPCKADMDTVCGCKKNQFQRYLSETH  
 FQCVDCSPCFNGT~~V~~TIPCKEKQNTVCNCHAGFFLSGNECTPCSHCKKNQECMKLCLPPVANVTNPQDSGT  
 AVLLPLVIFLGLCLLFFICISLLCRYPQWRPRVYSIIICRDSAPVKEVEGEGIVTKPLTPASIPAFSPNPG  
 FNPTLGFSTTPRF~~SHP~~VSS~~T~~PI~~S~~VPVFGPSNWHNFVPPVREVVPQTQADPLLYGSLNPVPI~~P~~APVRKWEDV  
 VAAQPQR~~LD~~ADPAMLYAVVDGVPPTRWKEFMRLGLSEHEIERLELQNGRCLREAHYSMLEAWRRRTPR  
 HEATLDVVGRVLCMNLRGLENIRETLESPAHSSTHLP

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI



**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\\_013091.1](#), [NP\\_037223.1](#)

**RefSeq Size:** 2130 bp

**RefSeq ORF:** 1386 bp

**Locus ID:** 25625

**UniProt ID:** [P22934](#)

**Cytogenetics:** 4q42

**MW:** 51 kDa

**Gene Summary:** may play a role in TNFalpha mediated inflammatory response to spinal cord injury [RGD, Feb 2006]