*cyno*TNF R1/TNFRSF1A VersaClone cDNA

Catalog Number: RDC2200

Specifications:

Gene:	*cyno*TNFRSF1A
Accession:	NP_001306550
Insert size:	1381bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

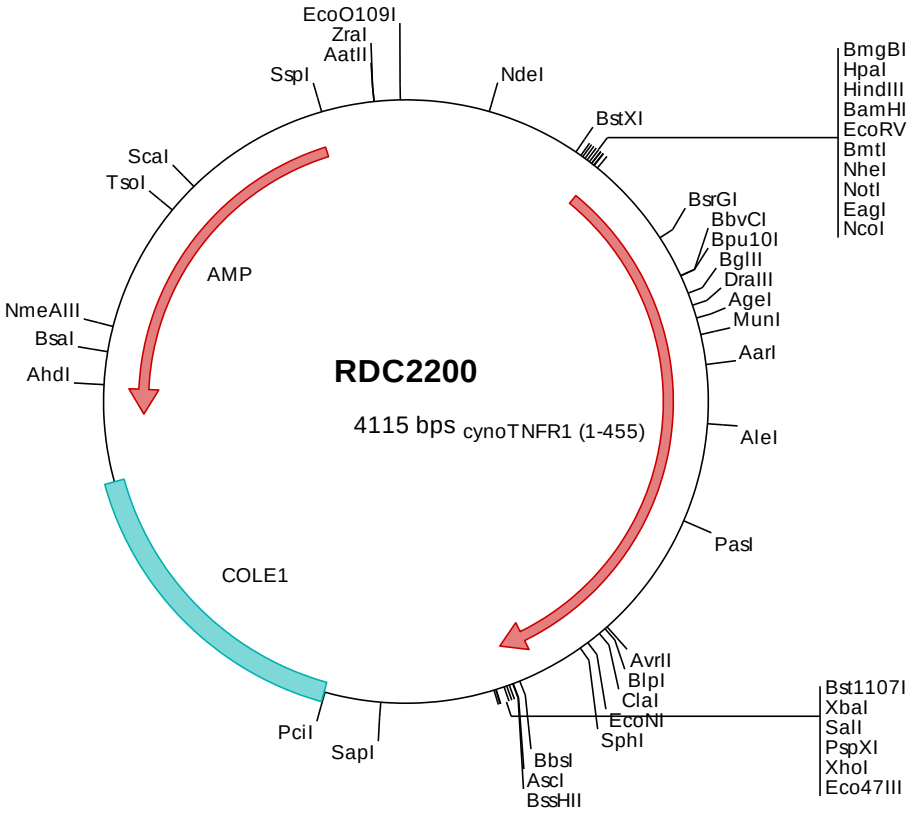
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*cyno*TNF R1/TNFRSF1A cDNA Plasmid

TNFRSF1A TNF receptor superfamily member 1A [*Macaca fascicularis* (crab-eating macaque)]

Summary:

TNFR1 is a member of the TNF receptor superfamily. It is one of the major receptors for the tumor necrosis factor-alpha. It can activate NF-kappaB, mediate apoptosis, and function as a regulator of inflammation. Antiapoptotic protein BCL2-associated athanogene 4 (BAG4/SODD) and adaptor proteins TRADD and TRAF2 have been shown to interact with TNFR1, and thus play regulatory roles in the signal transduction mediated by the receptor. TNFR1 may play a role in TNF-alpha mediated inflammatory response to spinal cord injury.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

R&D SYSTEMS
a bio-techne brand

> RDC2200 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgggcctct ccaccgtgcc tgacctactg ctgccactgg tgctcctgga
 501  gctgttggtg ggaatatacc cctcaggggt tattggactg gtccctcccc tcagggacag ggagaagaga gatagtgtgt gtccccaagg aaaatacatc
 601  caccctcaaa ataattccgt ttgctgtacc aagtgccaca aaggaaccta cttgtacaat gactgtccag gcccggggca ggatacggac tgcagggagt
 701  gtgagagcgg ctccttcacc gcttcagaga accacctcag gcactgcctc agctgctcca aatgccgaaa ggaaatgggc caggtggaga tctcttcttg
 801  caccgtggac cgggacaccg tgtgtggctg caggaagaac cagtaccggt attattggag tgaaaacctt ttccagtgct tcaattgcag cctctgcctc
 901  aatgggaccg tgcacctctc ctgccaggag aaacagaata ccgtgtgcac ctgccatgca gggttctttc taagagaaaa cgagtgtgtc tcctgtagta
1001  actgtaagaa aaccctggag tgcaccaagt tgtgcctacc ccagactgag aatgttaagg gcactgagga ctcaggcacc acagtgctgt tgcccctggt
1101  catcttcttt ggtctttgcc ttttatccct cctcttcatt ggtttaatgt atcgctacca acggtggaag tccaagctct acgccattgt ttgtgggaaa
1201  tcaacacctg aaaaagaggg ggagcttgaa ggaactacta ctaagcccct ggccccaacc ccaaacttca gtcccactcc aggcttcacc cccaccctgg
1301  gcttcagtcc catgcccagt tccaccttca cctccagctc cacctatacc cccggtgact gtcccaactt cgcggcttcc cgcagagaga tggcaccacc
1401  ctacctgggg gctgacccca tccttgcaac agcccccgcc tctgccccca tccccactcc ccttcagaag tgggaggaca gcgcccacaa gccacagagc
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1701  gctggagctg ctgggccgcg tgctccgcga catggacctg ctgggttgcc tggaggacat cgaggaggcg ctgtgcggcc ccgccgccct cccgcctggt
1801  cctggtcttc tcagataaag gcgcgccagt atactctaga gtcgacaccc ggggaattcc tcgagcgctc gtctctagct tggcgtaatc atggtcatag
1901  ctgtttcctg tgtgaaattg ttatccgctc acaattccac acaacatacg agccggaagc ataaagtgta aagcctgggg tgcctaatga gtgagctaac
2001  tcacattaat tgcgttgcgc tcactgcccg ctttccagtc gggaaacctg tcgtgccagc tgcattaatg aatcggccaa cgcgcgggga gaggcggttt
2101  gcgtattggg cgctcttccg cttcctcgct cactgactcg ctgcgctcgg tcgttcggct gcggcgagcg gtatcagctc actcaaaggc ggtaatacgg
2201  ttatccacag aatcagggga taacgcagga aagaacatgt gagcaaaagg ccagcaaaag gccaggaacc gtaaaaaggc cgcgttgctg gcgtttttcc
2301  ataggctccg ccccctgac gagcatcaca aaaatcgacg ctcaagtcag aggtggcgaa acccgacagg actataaaga taccaggcgt ttcccccctgg
2401  aagctccctc gtgcgctctc ctgttccgac cctgccgctt accggatacc tgtccgcctt tctcccttcg ggaagcgtgg cgctttctca atgctcacgc
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3001  aaaatgaagt tttaaatcaa tctaaagtat atatgagtaa acttggtctg acagttacca atgcttaatc agtgaggcac ctatctcagc gatctgtcta
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3901  atgttgaata ctcatactct tccttttca atattattga agcatttatc agggttattg tctcatgagc ggatacatat ttgaatgtat ttagaaaaat
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> RDC2200 Translated Insert Sequence

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 201  nvkgtedsgt tvllplviff glcllsllfi glmyryqrwk sklyaivcgk stpekegele gtttkplapt pnfsptpgft ptlgfspmps stftssstyt
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