*h*CD200R1 VersaClone cDNA

Catalog Number: RDC1535

Specifications:

Gene:	*h*CD200R1
Accession:	NP_620161
Insert size:	1060bp
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

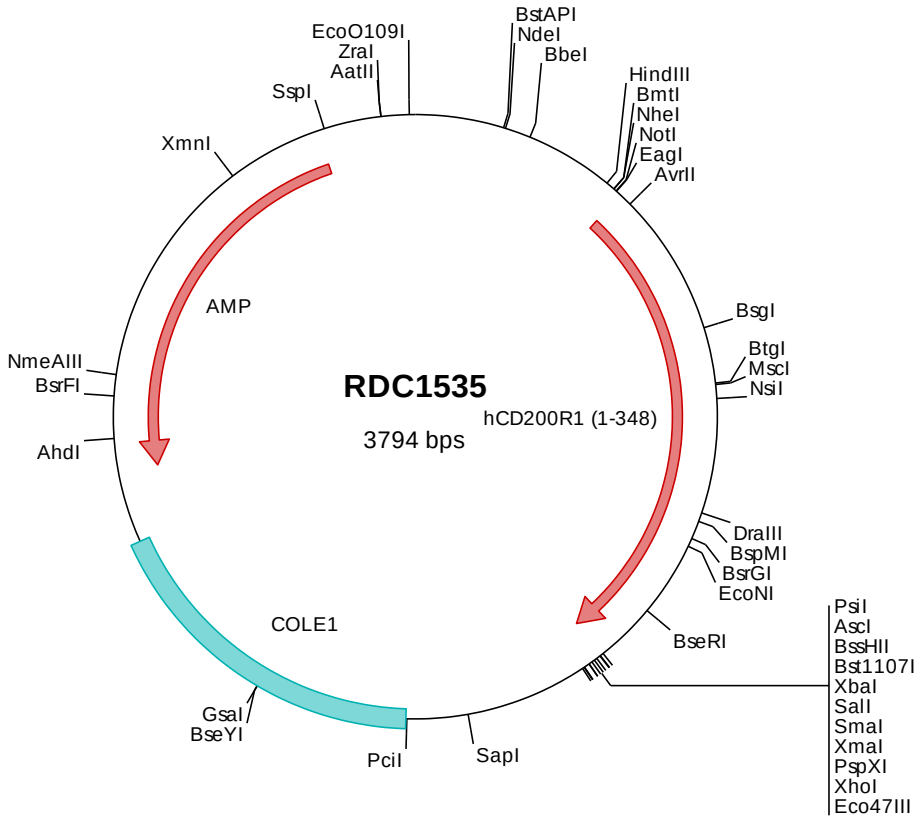
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*CD200R1 cDNA Plasmid

CD200R1 CD200 receptor 1
[*Homo sapiens* (human)]

Also known as: OX2R; MOX2R; CD200R; HCRTR2

Summary:
CD200R1 is a receptor for the OX-2 membrane glycoprotein. Both the receptor and substrate are cell surface glycoproteins containing two immunoglobulin-like domains. CD200R1 is restricted to the surfaces of myeloid lineage cells and the receptor-substrate interaction may function as a myeloid downregulatory signal. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC1535 Plasmid DNA Sequence

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   1  tcgcgcgttt cggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
 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 atgctctgcc cttggagaac tgctaaccta gggctactgt tgattttgac
 501  tatcttctta gtggccgaag cggagggtgc tgctcaacca aacaactcat taatgctgca aactagcaag gagaatcatg ctttagcttc aagcagttta
 601  tgtatggatg aaaaacagat tacacagaac tactcgaaag tactcgcaga agttaacact tcatggcctg taaagatggc tacaaatgct gtgctttgtt
 701  gccctcctat cgcattaaga aatttgatca taataacatg ggaaataatc ctgagaggcc agccttcctg cacaaaagcc tacaagaaag aaacaaatga
 801  gaccaaggaa accaactgta ctgatgagag aataacctgg gtctccagac ctgatcagaa ttcggacctt cagattcgta ccgtggccat cactcatgac
 901  gggtattaca gatgcataat ggtaacacct gatgggaatt tccatcgtgg atatcacctc caagtgttag ttacacctga agtgaccctg tttcaaaaca
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1101  caatggcaca gtgactgtta agagtacatg ccactgggag gtccacaatg tgtctaccgt gacctgccac gtctcccatt tgactggcaa caagagtctg
1201  tacatagagc tacttcctgt tccaggtgcc aaaaaatcag caaaattata tattccatat atcatcctta ctattattat tttgaccatc gtgggattca
1301  tttggttgtt gaaagtcaat ggctgcagaa aatataaatt gaataaaaca gaatctactc cagttgttga ggaggatgaa atgcagccct atgccagcta
1401  cacagagaag aacaatcctc tctatgatac tacaaacaag gtgaaggcat ctgaggcatt acaaagtgaa gttgacacag acctccatac tttataaagg
1501  cgcgccagta tactctagag tcgacacccg gggaattcct cgagcgctcg tctctagctt ggcgtaatca tggtcatagc tgtttcctgt gtgaaattgt
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1701  cactgcccgc tttccagtcg ggaaacctgt cgtgccagct gcattaatga atcggccaac gcgcggggag aggcggtttg cgtattgggc gctcttccgc
1801  ttcctcgctc actgactcgc tgcgctcggt cgttcggctg cggcgagcgg tatcagctca ctcaaaggcg gtaatacggt tatccacaga atcaggggat
1901  aacgcaggaa agaacatgtg agcaaaaggc cagcaaaagg ccaggaaccg taaaaaggcc gcgttgctgg cgtttttcca taggctccgc cccctgacg
2001  agcatcacaa aaatcgacgc tcaagtcaga ggtggcgaaa cccgacagga ctataaagat accaggcgtt tccccctgga agctccctcg tgcgctctcc
2101  tgttccgacc ctgccgctta ccggatacct gtccgccttt ctcccttcgg gaagcgtggc gctttctcaa tgctcacgct gtaggtatct cagttcggtg
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2501  gctggtagcg gtggtttttt tgtttgcaag cagcagatta cgcgcagaaa aaaaggatct caagaagatc ctttgatctt ttctacgggg tctgacgctc
2601  agtggaacga aaactcacgt taagggattt tggtcatgag attatcaaaa aggatcttca cctagatcct tttaaattaa aaatgaagtt ttaaatcaat
2701  ctaaagtata tatgagtaaa cttggtctga cagttaccaa tgcttaatca gtgaggcacc tatctcagcg atctgtctat ttcgttcatc catagttgcc
2801  tgactccccg tcgtgtagat aactacgata cgggagggct taccatctgg ccccagtgct gcaatgatac cgcgagaccc acgctcaccg gctccagatt
2901  tatcagcaat aaaccagcca gccggaaggg ccgagcgcag aagtggtcct gcaactttat ccgcctccat ccagtctatt aattgttgcc gggaagctag
3001  agtaagtagt tcgccagtta atagtttgcg caacgttgtt gccattgcta caggcatcgt ggtgtcacgc tcgtcgtttg gtatggcttc attcagctcc
3101  ggttcccaac gatcaaggcg agttacatga tcccccatgt tgtgcaaaaa agcggttagc tccttcggtc ctccgatcgt tgtcagaagt aagttggccg
3201  cagtgttatc actcatggtt atggcagcac tgcataattc tcttactgtc atgccatccg taagatgctt ttctgtgact ggtgagtact caaccaagtc
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3601  cctttttcaa tattattgaa gcatttatca gggttattgt ctcatgagcg gatacatatt tgaatgtatt tagaaaaata aacaaatagg ggttccgcgc
3701  acatttcccc gaaaagtgcc acctgacgtc taagaaacca ttattatcat gacattaacc tataaaaata ggcgtatcac gaggcccttt cgtc
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> RDC1535 Translated Insert Sequence

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 101  lrgqpsctka ykketnetke tnctderitw vsrpdqnsdl qirtvaithd gyyrcimvtp dgnfhrgyhl qvlvtpevtl fqnrnrtavc kavagkpaah
 201  iswipegdca tkqeywsngt vtvkstchwe vhnvstvtch vshltgnksl yiellpvpga kksaklyipy iiltiiilti vgfiwllkvn gcrkyklnkt
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