

Product datasheet for **SC102571**

CD200R (CD200R1) (AF497550) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD200R (CD200R1) (AF497550) Human Untagged Clone
Tag:	Tag Free
Symbol:	CD200R
Synonyms:	CD200R; HCRTR2; MOX2R; OX2R
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AF497550, the custom clone sequence may differ by one or more nucleotides

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ATGCTCTGCCCTTGGAGAACTGCTAACCTAGGGCTACTGTTGATTTTGACTATCTTCTTAGTGGCCGCTT
CAAGCAGTTTATGTATGGATGAAAAACAGATTACACAGAACTACTCGAAAGTACTCGCAGAAGTTAACAC
TTCATGGCCTGTAAGATGGCTACAAAATGCTGTGCTTTGTTGCCCTCCTATCGCATTAAAGAAATTTGATC
ATAATAACATGGGAAATAATCCTGAGAGGCCAGCCTTCTGCACAAAAGCCTACAAGAAAGAAACAAATG
AGACCAAGGAAACCAACTGTACTGATGAGAGAATAACCTGGGTCTCCAGACCTGATCAGAATTCGGACCT
TCAGATTCGTACCGTGGCCATCACTCATGACGGGTATTACAGATGCATAATGGTAACACCTGATGGGAAT
TTCCATCGTGGATATCACCTCCAAGTGTTAGGTAAGGAGCATCATATATTGAGGTATTTACATCACCAG
ATTTGTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for AF497550 unedited AGGAAGGGGCTAGAAGGAAGGGAGTGCCCACTGTTGATGGGGTAAGAGGATCCTGTACT GAGAAGTTGACCAGAGAGGGTCTCACCATGCGCACAGTTCCTTCTGTACCTGTGTGGAGG AAAAGTACTGAGTGAAGGGCATAAAAAGAGAAAACAGAAATGCTCTGCCCTTGGAGA GCTAACCTAGGGTACTGTTGATTTTACTATCTTCTTAGTGGCCGAAGCGGAGGGTGCT GCTCAACCAAACTCATTAAATGCTGCAAACTAGCAAGGAGAATCATGCTTTAGCTTCA AGCAGTTTATGTATGGATGAAAAACAGATTACACAGAACTACTCGAAAGTACTCGCAGAA GTTAACACTTCATGGCCTGTAAAGATGGCTACAAATGCTGTGCTTTGTTGCCCTCCTATC GCATTAAGAAATTTGATCATAATAACATGGGAAATAATCCTGAGAGGCCAGCCTTCTGC ACAAAAGCCTACCAGAAAGAAACAAATGAGACCAAGGAAACCACTGTACTGATGAGAGA TTAACCTGNGTCTCCAGACCTGATCAGAATTCGGACCTTCAGATTCGTACCGTGCCCATC ACTCATGACGGGTATTACAGATGCATAATGGGAACCACTGATGGGGAATTCATCGTTG GATATAACCTCCCAGTGGTAAGTACCACCTGAAGGGACCTTGTCAAACAGGATAACAC TGGACTTTGCAAGCAGTTGCAGGGAACCCACTGCCATATTTCTGGATCCAAAGGCGATT GTGCCCTAACAAAATTCTGGAACACGGCCC
Restriction Sites:	NotI-NotI
ACCN:	AF497550
Insert Size:	7000 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none"> 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:	AF497550.1 , AAM16159.1
RefSeq Size:	778 bp
RefSeq ORF:	498 bp
Locus ID:	131450
Cytogenetics:	3q13.2
Protein Families:	Druggable Genome, Transmembrane

Gene Summary:

This gene encodes a receptor for the OX-2 membrane glycoprotein. Both the receptor and substrate are cell surface glycoproteins containing two immunoglobulin-like domains. This receptor is restricted to the surfaces of myeloid lineage cells and the receptor-substrate interaction may function as a myeloid downregulatory signal. Mouse studies of a related gene suggest that this interaction may control myeloid function in a tissue-specific manner. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008]