

Product datasheet for **SC120610**

CD200R (CD200R1) (NM_138806) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD200R (CD200R1) (NM_138806) Human Untagged Clone
Tag:	Tag Free
Symbol:	CD200R1
Synonyms:	CD200R; HCRTR2; MOX2R; OX2R
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >OriGene sequence for NM_138806 edited
GAATTCGGCACGAGAAAGTACTGAGTGAAGGGCAGAAAAAGAGAAAAACAGAAATGCTCTG
CCCTTGGAGAAGTCTAACCTAGGGTACTGTTGATTTTGACTATCTTCTTAGTGCCGA
AGCGGAGGGTGTCTCAACCAACAACCTAATATGCTGCAAACTAGCAAGGAGAATCA
TGCTTTAGCTTCAAGCAGTTTATGTATGGATGAAAAACAGATTACACAGAAGTACTCGAA
AGTACTCGCAGAAGTTAACACTTCATGGCCTGTAAGATGGCTACAAATGCTGTGCTTTG
TTGCCCTCCTATCGCATTAAAGAAATTTGATCATAATAACATGGGAAATAATCCTGAGAGG
CCAGCCTTCTGACAAAAGCCTACAGGAAAGAAACAAATGAGACCAAGGAAACCAACTG
TACTGATGAGAGAATAACCTGGGTCTCCAGACCTGATCAGAATTCGGACCTTCAGATTCTG
TCCAGTGGCCATCACTCATGACGGGATTACAGATGCATAATGGTAACACCTGATGGGAA
TTTCCATCGTGGATATCACCTCCAAGTGTAGTTACACCTGAAGTGACCTGTTTCAAAA
CAGGAATAGAAGTGCAGTATGCAAGGCAGTTGCAGGGAAGCCAGCTGCCAGATCTCTG
GATCCCAGAGGGCGATTGTGCCACTAAGCAAGAATACTGGAGCAATGGCACAGTGACTGT
TAAGAGTACATGCCACTGGGAGGTCCACAATGTGTCTACCGTGACCTGCCAGTCTCCCA
TTTGACTGGCAACAAGAGTCTGTACATAGAGCTACTTCTGTTCCAGGTGCCAAAAAATC
AGCAAAATATATATTCATATATCATCCTTACTATTATTATTTGACCATCGTGGGATT
CATTTGGTTGTTGAAAGTCAATGGCTGCAGAAAATATAAATTGAATAAAAACAGAATCTAC
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TCTCTATGATACTACAAACAAGTGAAGGCATCTCAGGCATTACAAAGTGAAGTTGACAC
AGACCTCCATACTTTATAAGTTGTTGGACTCTAGTACCAAGAAACAACAACAACGAGAT
ACATTATAAATGCTGTGATTTTCTTACAGTTCTAGAATGAAGACTTATATTGAAATTA
GGTTTTCCAAGTTCTTAGAAGACATTTAATGGATTCTCATTACATCCCTTGATAAAT
GGAATTTTTGATTCTTAGCTGTACCAGTACTCTCTGAAGAAGTGTATTATACAAA
GAAAAATACATGCCATGACCAAAATATTCAAATTGTGCAGGACAGTAAATATGAAAAACA
AATTTCTCAAGAAATAACTGAAGAAGGAGCAAGTGTGAACAGTTTCTTGTATCCTTT
CAGAATATTTAATGTACATATGACATGTGTATATGCCTATGGTATATGTGTCAATTTAT
GTGTCCCCTTACATATACATGCACATATCTTTGTCAAGGCACAGTGGGAACAATACACT
GCATTACTGTTCTATACATATGAAAACCTAATAATATAAGTCTTAGAGATCATTTTATAT
CATGACAAGTAGAGCTACCTCATTCTTTTTAATGGTTATATAAAATTCATTGTATAGTT
ATATCATTATTTAATTAACAACCCCTAATGATGGATATTTAGATTCTTTTAAGTTTTG
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ATATATCTCTTTGTTTTGAGTATATCTGTAGGATAACTTTCTTGAGTGAATTGTCAGG
TCAAAGGGTTTGTGCATTTACTATTGATATATATGTTTAAATTTGTCAAXXXXXXXXXX
XXXXXXXXXXXXXATCTAATGACACTTGGCACATGATATTTGATCAAGCCATTTTGAC
TTGACCAAAAAGCAGTGTCCATTAGGTTTCTGCATATAAATATTACCAAGCAATGTTTAC
AATAGACATCATTACACTGTCCTTGAATTTTAAATTTCTTCAACCCCTGGTTGAGC
TGAGGCTCATAGTTAGGTTCAAGACTATCTGTTTAAATATTACTGAAAAACAAGTAAGA
CAGTACTATGCTTACCTTAACTTGATAATGTCAAAACAGGCATGTTAAATGACATCAT
AGAAAAGACTTCAAGATAATTTATAGAAGTTAAATTATATTGTACAGAAAATAATTGAT
GAAAATCTCTACTATGGGCTGGAACATGGTTGAACATTAGAATGATATAAAAAATTATA
TATATTCTCCAAATCCACGCTAGACCTGTCAAATTAGAGAATCTAGAGATTAGACCTGGC
GTGTCAGCAAGGTCATCCAGGAAGCAGAGGCTGAGACGGAGTTAGGTGTGATTACTTACA
TAGTCGATTACATTTTACAAATAACATTTTATATGTCTCATTACTGTGCTTTCTCCCA
TCCATTTTGTATCTTTCTTTGCTTTGCTAGATTTGTCAATTTTCTCTCTTTCTCT
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ATTGGGGTTATGCTTCACTTACAACTTCTGAAAACGGCTTACTGAGATATAATTGATA
TATTTAAGTGTACAGTTTGTAAATTTTGCACATATTTAAATGTGGACTTTGGTAAATG
TTGACATAGTTTTACATCTGTGAAACCATCAGCATAATCAAGATAATAAATTTGTCATC
ACCCCCAAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_138806 unedited CAGGATTTTGTAAATACGCACTACTATAGGGGCGCGCCGCAATTCCGCACCAGAAATA CTGAGTGAAGGGCAGAAAAAGAGAGGGGAATGCTCTGCCCTTAGAGAAGTGTAACTA GGGCTACTGTTGATTTTACTATCTTCTTANTGGCCCAAGCGGAGGGTGTGCTCAACCA AACAACTCATTAAATGCTGCAAACTAGCAAGGAGAATCATGCTTTAGCTTCAAGCAGTTA TGTGTGGAGGAAAAACAGATTACACAGAAGTACTCCAAAGTACTCCAGAAAGTTAACACT TCATGGCCTGTGAAGATGGCTACAAATGCTGTGCTTTGTTGCCCTCCTATCGCATTAAAG AATTTGATCATAATAACATGGGAAATAATCCTGAGAGGCCAGCCTTCTGCACAAAAGCC TACAGGAAAGAAAACAAATGAGACCAAGGAAACCAACTGTACTGATGAGAGAATAACCTGG GTCTCCAGACCTGATCAGAATTCGGACCTTCAGATTTCGTCCAGTGGCCATCACTCATGAC GGGTATTACAGATGCATAATGGTGACACCTGATGGGAATTTCCCATCGTGGTATCACCTC CAAGTGTAGTTACACCTGAAGTGACCCTGTGTCANAACAGGGATANAAGTGCANTATGC AAGGCAGTTGCANGGAAANCCAGCTGCGCANATCTCTGGATCCANAGGGGCGATGTGC CACTAANCAGAATACTGGAGCCATGGCCAGTACTGTTAANATACATGCCACTGGGAGGT CCACATGTGTCTACCGTGACCTGGCACGTCTTCTTTGACTGGCGACAGAGTCTGTACTA GAACTACTTCTGGTCCAGTGCCAAAAAATCAGCAAAATATATATTCCTAAATCATCCCTA CTATAATAATTTGACCATCGTGGGATCCTTTNGGTGTTGAAAATCCTGGCC
3' Read Nucleotide Sequence:	>OriGene 3' genomic read for NM_138806 unedited CTATGGACCCGCGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTGGGGGTGATGGA CAAGTTTATTATCTTGATTATGCTGATGGTTTCACAGATGTAAGTATGTCAACATTTA CCAAAGTCCACATTTTAAATATGTGCAAAATTTAACAACTGTACTTAAATATATCAA TTATATCTCAGTAAAGCCGTTTTTCAAGAAGTTTGAAGTGAAGCATAACCCCAATAGATAT TTAGTTATGATGAATTACTTTCAAATTATTAGAGATATTGAAAGAGAGAGACAGAGAA AGAGAGAGAAAATTGACAAATCTAGCAAAGCAAAGGAAAAGATACAAAATGGGATGGGGA GAAAGCACAGTAAATGAGACATATAAAATGTTATTTGTAAGTGAATCGACTATGTAAG TAATCACACCTAACTCCGTCTCAGCCTCTGCTTCTCTGGATGACCTTGCTGACACGCCAGG TCTAATCTCTAGATTCTTAATTTGACAGGTCTAGCGTGGATTTGGAGAATATATATAAT TTTTTATCATTCTAATGTTCAACCATGTTCCAGCCCATAGTAGAGATTTTCATACAA TTATTTCTGTACAATATAATTTAACTTCTATAAAATATCTTGAAGTCTTTCTATGATG TCAATTTACATGCCTGTTTTGACATTTTTAGTTAAGAGGTAAGCATAAGTACCGGCTTACT TTGGTGTTCAGAAATATTTAAACAAAGTGTCTTGAACCTTACTATGAGCCTCAACTTACC CGGGGTGGGATGAAGAATAAAAAAATCCAGGGCAAGGGAATGGTGGCTAATGGGGAAGT TTGCTTGGGTAATTTATTAGCCGCGAACCCCATGGGAACCCGTTTTTTGGGCAAGTCAA AAGGGGTGGTCAAAAATATGGGCCAAGTGTGATTAATAAAGCTTTACCTCCCAATAG GTAG
Restriction Sites:	NotI-NotI
ACCN:	NM_138806
Insert Size:	3700 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).
RefSeq:	NM_138806.3 , NP_620161.1
RefSeq Size:	2272 bp
RefSeq ORF:	1047 bp

Locus ID: 131450

UniProt ID: [Q8TD46](#)

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]
Transcript Variant: This variant (1) represents the longest transcript variant and encodes the longest isoform (a).