

Product datasheet for **SC300613**

CD200 (NM_001004196) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CD200 (NM_001004196) Human Untagged Clone
Tag: Tag Free
Symbol: CD200
Synonyms: MOX1; MOX2; MRC; OX-2
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_001004196 edited
 ATGGAGAGGCTGACTCTGACCAGGACAATTGGGGGCCCTCTCCTTACAGCTACACTCCTA
 GGAAAGACCACCATCAATGATTACCAGGTGATCAGGATGCCCTTCTGTCATCTGTCTACC
 TACAGCCTGGTTTGGGTCATGGCAGCAGTGGTGCTGTGCACAGCACAAGTGCAAGTGGTG
 ACCCAGGATGAAAGAGAGCAGCTGTACACACCTGCTTCCTTAAAAATGCTCTCTGCAAAAT
 GCCCAGGAAGCCCTCATTGTGACATGGCAGAAAAAGAAAGCTGTAAGCCCAGAAAACATG
 GTCACCTTCAGCGAGAACCATGGGGTGGTATCCAGCCTGCCTATAAGGACAAGATAAAC
 ATTACCCAGCTGGGACTCCAAAACCTCAACCATCACCTTCTGGAATATCACCTGGAGGAT
 GAAGGGTGTACATGTGTCTCTTCAATACCTTTGGTTTTGGGAAGATCTCAGGAACGGCC
 TGCCTCACCGTCTATGTACAGCCATAGTATCCCTTCACTACAAATTCTCTGAAGACCAC
 CTAATATCACTTGTCTGCCACTGCCCGCCAGCCCCATGGTCTTCTGGAAGGTCCT
 CGGTACAGGATTGAAAATAGTACAGTGACTCTGTCTCACCCAAATGGGACCACGTCTGTT
 ACCAGCATCCTCCATATCAAAGACCCTAAGAATCAGGTGGGGAAGGAGGTGATCTGCCAG
 GTGCTGCACCTGGGGACTGTGACCGACTTTAAGCAAACCGTCAACAAAGGCTATTGGTTT
 TCAGTTCGGCTATTGCTAAGCATTGTTCCCTGGTAATTCTTCTCGTCCTAATCTCAATC
 TTAATGTACTGAAACGTCACCGGAATCAGGACCGAGAGCCCTAA

Restriction Sites: Please inquire

ACCN: NM_001004196

Insert Size: 2500 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).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_001004196.1 , NP_001004196.1
RefSeq Size:	2247 bp
RefSeq ORF:	885 bp
Locus ID:	4345
UniProt ID:	P41217
Cytogenetics:	3q13.2
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016]</p> <p>Transcript Variant: This variant (2) includes an alternate in-frame exon in the 5' coding region, compared to variant 1, that results in an isoform (b) with a longer N-terminus, compared to isoform a.</p>