

## Product datasheet for **MC202690**

### **Cd200 (NM\_010818) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cd200 (NM_010818) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cd200
Synonyms:	Mox2; OX2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC054759 sequence for NM\_010818  
GGGGGCTCTCTACGGCGAATAGTAGTGTCCCTGCTCACAGGTGTTGCGGAGATATCCTCCATCGTGGA  
AGAGCTCAGACCCCGAGAAGCTGGTGTCTAGCTGCGGCCAGAGCAAGGATGGGCAGTCTGGTATTCAGG  
AGACCTTTCTGCCATCTCTCCACCTACAGCCTGATTTGGGGCATGGCAGCAGTAGCGCTGAGCACAGCTC  
AAGTGGAAAGTGGTGACCCAGGATGAAAGAAAGGCGCTGCACACAACCTGCATCCTTACGATGTTCTCTAAA  
AACATCCCAGGAACCCCTTGATTGTGACATGGCAGAAAAAGAAAGCCGTGAGCCCAGAAAAACATGGTCACC  
TACAGCAAAACCCATGGGGTTGTAATCCAGCCTGCCTACAAAGACAGGATAAATGTCACAGAGCTGGGAC  
TCTGGAACCTCAAGCATCACCTTCTGGAACACAACATTGGAAGATGAGGGCTGCTACATGTGTCTCTCAA  
CACGTTTTGGTCTCAGAAGTCTCAGGAACAGCTTGCCTTACCCTCTATGTACAGCCCATAGTACACCTT  
CACTACAACCTATTTGAAGACCCTAAACATCACTTGTCTGCGACTGCCCGTCCAGCCCTGCCATCT  
CCTGGAAGGGTACTGGGACAGGAATTGAGAATAGTACCGAGAGTCACTTCCATTCAAATGGGACTACATC  
TGTACCAGCATCCTCCGGTCAAAGACCCAAAACCTCAAGTTGGGAAGGAAGTGATCTGCCAGTTTTTA  
TACCTGGGAATGTGATTGACTACAAGCAGAGTCTGGACAAAGGATTTTGGTTTTAGTTCCACTGTTGC  
TAAGCATTGTTTTCTGGTAATTTCTTGTATCTTATCTCCATCTTACTATACTGAAACGTCACCGAAA  
TCAGGAGCGGGTGAATCATCACAGGGGATGCAAAGAATGAAATAGAGCTCTAAAGAAATATACAGAA  
CCCTGAACGTGTTCCCTGGTCTACTTGAATCTGATGTGAAAGAAAAGCAGGAGGAAAAGGCCATTCTC  
CATAGGACCTAAGGAGAGCAAAAGACCAGACACGAGCCTGTGAGGGATTGACTTTTTGCTGTTGCCCA  
GGTCCTCGGTGTTTGCAATCCAAGAGGAAGTCAGTGCCTCGGGTCTGTTGTAGGACTTGATTTTTTTTT  
TTTTTGAGAGCAATGCAGTGCATGCTGTAGAAAGGCTCCAGACTTAGAACACCAGTGCCAAGCCAG  
CTCTCAGACCGACTAGGGCTCCCATCGGAGGAACAAATCGTAGTCAACTTACCTCACAGAGCTCTCTGGT  
CCTTACACAAAGTAGAAAGGAGTGGGACCAGAAAATTGGCCATGTCTGAAATCTGATGGAATTTTTAGGA  
AGAAAAGTGAAGAATAAGCAAAAGAAAGAAACACAGAAAGGTTCCAAAGAGCTTCTGAGAGTACTTTT  
GCCTTTCTGTTGGTGTCCAGCTCTGGTTTTGTTCTTAGGTCCGCCAGTGTGTTCCCTGTTGTTGAGT  
ATCTAGTTGACTACCTGCTACTGTTCTGCTGATGGTTGGCCTTGCTAGAATCCCTGACTCCCTGCCGTT  
CTCTATGTGCTTCTATGAGGGTACTATGATGAAAATAGAGCAGAAGATAGTGTGAAGTAACATTGGCAA  
CTGTAATGTGTCATTTAACTTATTTTTATAGCACTTAGGCAATATTGTTAGTCTTAGTGTAGTGTAC  
ATCTTTACAAAAGCATGCTCTCCCTATCCATTGGGCCACAATAACTCTCTTTGAGGCCATTCTGAAT  
CCTGTCTCGTGAATGATAATATATTATGAAAACAGATACTTTAAGAATTTCTGTACAGCAGTCAGTTG  
TTTATTCTCTCTCTCTCTCTCTCTCTCTCCCTCCCCACCCAGCTTCTTTTTCTGTGACTTTGTT  
TTTCATAAAGAGAAGGCATCTCCTGAATACAATCGCTTTGTTCTGAAGACATCGTGAACCTAATAATTCT  
AACCTTTGACAAAACCTAGTGAAGTTGTTTCTGTATCTTTGCTTTCATCTGCTTTATAGAGTGACCTA  
GGAATTCAGGTGAAGTTGTTTCCATTGTTGAACTGGATATTTATATACTTGGTATGCTTTTCACGTGTT  
ATTTAATCTGTATAATTTCTATATTTGTATTAATAATTTGAGCAATTTAAAGTGTCAACTAAATATTT  
GATGTGGCATTCCCTTGAGAAATATAGAATAAAGAATAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Ascl-NotI  
**ACCN:** NM\_010818  
**Insert Size:** 837 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**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:**

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:** [BC054759](#), [AAH54759](#)

**RefSeq Size:** 2296 bp

**RefSeq ORF:** 837 bp

**Locus ID:** 17470

**Cytogenetics:** 16 29.53 cM