

## Product datasheet for **MC216103**

### **Cdr2 (NM\_007672) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cdr2 (NM_007672) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdr2
Synonyms:	AA617262
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216103 representing NM\_007672  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGGCAGATAACCTAGTGGAGGAGTTCGAGATGGAGGATGAGCCGTGGTACGACCACCGGGACCTCC  
 AGCAAGATCTCCAGCTTGTCTGCTGAACTTGAAAGACGCTACTGGATCGGAACACAGAGTTGGAAGATTC  
 TCTTCAGCAGATGTACACAACCAATCAGGAGCAGTTACAGGAAATCGAGTACCTGACCAAGCAGGTGGAG  
 CTTCTACGGCAAATGAATGAGCAGCATGCGAAAGTTTATGAGCAGTTAGATGTCACAGCAAGAGAAGCTGG  
 AAGAAACCAACCAGAAGCTAGTTGCTGAGAGCAAGGCCTCACAGCAGAAAATCCTCAGCCTGACAGAAAAC  
 AATTGAATGCCTGCAAACCAACATTGATCACCTGCAGAGCCAAGTGGAGGAGCTGAAGTCTTCCAGCCAA  
 GGAAGAGGGAGGCAGAAGGCATGTGACCAGGAGAAACCAGCACCCAGCTTCTCCTGTCTGAAAGAGCTGT  
 ATGACCTCGCCAACTTTGTGTATGACCACGTGTTGCTGAGAAGATCACTTCTTGCAGAGCCAAACA  
 GAGCCCTGATGAAGAAGAAAATGAGCACCTGAAAAGGCAGTGCAGATGTTGCAGGCCAGCTAAGTCTA  
 GAGAGGAAGAAGCGAGTGAAGCTGGAGGCAGAGTATAAAGTGGTCTGAAGGAGAACAGTGAAGTGGAGC  
 AGCAGCTGGGGCCACAGATGCCTACCGAGCCCGGCCCTGGAGTTGGAGGCAGAGGTGGCTGAGATGCG  
 GCAGATGCTGCAGGCAGAGCATCTTTTGTGAATGGTGTGGAGAAGCTGGTGCCCGACTCTCTGTTTGT  
 CCTTTCAAGGAGCCTAGCCAGAGTCTGCTGGAGGAAATGTTTCTGGCTGCTCCAGAAGCACCTAGAAAAC  
 CACTCAAACGAAGCAGCAGTGAAGCGGCTCAGCAGTTTGGCAGGGGATGACATCGTGAAGGACCATGA  
 GGACACTTGCATCAGGAGGGCTAAGGCTGTGAAGCAGAGGGGCATCTCCCTTCTGCATGAAGTGGACACT  
 CAGTACAGTGCCTGAAAGTGAAGTATGAAGAGCTACTGAAGAAGTCCAGCAGGAGCAGGACTCACTGT  
 CACACAAGGCTGTGCAGACCTTAGACTACTGACTAGGGACCTGACAGGACTGGTACGCAGTCTGAGGC  
 GGGGGCCAGTGGCTGGGAACCCACCCCTGTAAGCCAGAGTCCATCAGTTCACCCACCACTACACCTCCA  
 GAATACAAAGCACTATTTAAGGAGATTTAGTTGCATCAAGAAAACAAAGCAGGAAATAGATGAACAGA  
 GAACAAAATACCTTCTCTCCTCTTACTCGTACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_007672

**Insert Size:** 1368 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:**

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\\_007672.2](#), [NP\\_031698.2](#)  
RefSeq Size: 2525 bp  
RefSeq ORF: 1368 bp  
Locus ID: 12585  
UniProt ID: [P97817](#)  
Cytogenetics: 7 65.04 cM