

## Product datasheet for **MC216373**

### **Cdr2I (NM\_001080929) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cdr2I (NM_001080929) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdr2I
Synonyms:	D030068L24Rik; Gm21
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216373 representing NM\_001080929  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCGGAGAGCCGCGGGATGGAGGACTACTCCGAGAGGAGGAGGAGTCTGGTACGACCATCAGGACC  
 TGGAGCAGGACTTGCACCTAGCCGCCGAGCTTGGGAAGACTCTGCTGGAGAGGAACAAGGAGCTGGAGGA  
 GTCCTGCAGCAGATGTACTCCACCAATGAGGAGCAGGTGCATGAGATCGAGTACTTGACCAAGCAGCTG  
 GACACACTGAGGCTCGTGAATGAACAGCATGCTAAAGTGTACGAGCAGCTGGACCTGACGGCCAGAGACC  
 TGGAGCTGACCAACCAGAGGCTGGTGTGGAGAGTAAGGCTGCCAGCAGAAGATCCACGGGCTGACAGA  
 GACCATGAGCGCTGCAGTCCCAGGTCGAAGAGCTACAGGCCAGGTGGAGCAACTTCGAGGCCTGGAG  
 CAACTTCGGATTCGCCGGGAAAAACGGGAACGCAGGAGAACCATCCATACCTTCCCCTGCCTGAAGGAGC  
 TGTGCACAAGTCCCGATGTGAGGATGCCTTCCGCCTACACAGTTCCTCTTTGGAGCTGGGTCTCGGCC  
 GCTGGAACAGGAAAACGAACGGCTGCAGACCTTGGTTGGGTGCTCCGTTCCCAGGTGAGCCAGGAGCGA  
 CAGCGCAAGGAACGAGCGGAACGTGAGTACACGGTGGTGTCCAGGAGTACACGGAGCTGGAGCGACAGC  
 TGTGTGAGATGGAGGGCTGCCGCCTGCGCGTGCAGGAGCTGGAGGCCGAGTTGCTGGAGCTGCAGCAGAT  
 GAAGCAGGCCAAGACCTACCTGCTGGCCCGGGAGGAGCACCTGGCTGAGGCTCTGCTGGCCCCCTCACT  
 CAGGCCCTGAGGCCGATGACCCCCAGCCAGGCAGTGGAGATGACTCTAATGCCAGGATGGTGTCTCTCT  
 CGCCTGCCGCTTCCCCAGCCACGCAGTGCGAAGAGCTGCAGTGACACGGCGCTCAATGCCATAGTGGC  
 CAAAGACCCAGCCAGCCCATGCTGGCAACCTCACGTTGCATGCCAACAGTGTGCGCAGGCGGGTATG  
 TCTATCTGCGGGAGGTGGATGAGCAGTACCACGCGTCTGCTGGAGAAATACGAGGAGCTACTGAGCAAGT  
 GCCGCGACGACGGTCCCGGAGTCCGCGACGCGGGGGTGCAGACCTCACGGCCCATCTCCCGGACAGCTC  
 CTGGAGGACCTACTGGGGGGCGAAGAGAGCCCGGGAGAGGGCAAGGCGGGTGAAGAGCCTAAGCCAG  
 CACGTGGAGGCTGTGGATAAGCGCTGGAGCAGAGCCAGCCGAGTACAAGGCACTCTTCAAGAGATCT  
 TTGCCAGGATCCAGAAGACCAAGGCCGACATCAACGCCACCAAAGTCAAGACACACAGCAGCAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001080929

**Insert Size:** 1398 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\\_001080929.1](#), [NP\\_001074398.1](#)  
RefSeq Size: 3700 bp  
RefSeq ORF: 1398 bp  
Locus ID: 237988  
UniProt ID: [A2A6T1](#)  
Cytogenetics: 11 E2