

Product datasheet for **RN203878**

Cdr2 (NM_001025682) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdr2 (NM_001025682) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdr2
Synonyms:	RGD1310578
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203878 representing NM_001025682
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGCAGATAACCTTGTGGAGGAGTTCGAGATAGAGGATGAGCCCTGGTATGACCACCGGGACCTCC
 AGCAAGATCTCCAACCTTGTGCAGAACTCGGAAAGACGCTACTGGATCGGAACACAGAGTTGGAGGATTC
 TCTTCAGCAGATGTACACAACCAATCAGGAGCAGTTACAGGAAATTGAGTACCTGACCAAGCAGGTGGAG
 CTTCTACGGCAAATGAATGAGCAGCATGCAAAAGTTTATGAGCAGTTAGATGTTACAGCAAGAGAACTGG
 AAGAAACCAACCAGAAGCTAGTTGCTGAGAGCAAGGCCTCACAGCAGAAAATCCTGAGCTTGACAGAAAAC
 AATTGAATGCCTGCAAACCAACATTGATCACCTCCAGAGCCAAGTGGAGGAGCTGAAGTCTAACCAAGGA
 AGAGGGAGGCAGAAGGCATGTGACCAGGAGAGACCAGCACCAAGCTTCTCCTGTCTGAAAGAGCTGTACG
 ACCTCCGCCAACACTTTGTATATGACCACGTGTTTGTGAGAAGATCACTTCCTTGACAGGCCAGCAAAG
 CCCTGATGAGGAAGAAAACGAGCACCTGAAAAAGGCAGTACGATGTTGCAGGCCAGCTGAGTCTAGAG
 AGGAAGAAGCGAGTGAGCGTGGAGGCAGAGTATAAAGTGGTGTGAAGGAGAACAGCGAGCTGGAGCAGC
 AGCTGAGTGCCACAGATGCCTACCGAGCCCGGGCACAGGAGTTGGAGGCAGAGGTGGCCGAGATGCGGCA
 GATGCTGCAGGCAGAGCATCCTTTTGTGAATGGCGTTGAGAAGCTGGTACCCGACTCCCTGTTTGTCTCT
 TTCAAGGAGCCCAGCCAGAGTCTGCTGGAGGAAATGTTCTGGCTGCTCCAGAAGCACATAGAAAACCCAC
 TCAAACGCAGCAGCAGTGAAGCGTGTGAGCAGCCTGGCGGGGGATGACATCGTGAAGGACCATGAGGA
 CACTTGCATCAGGAGAGCGAAGGCTGTGAAGCAGAGGGGCATCTCCCTTCTGCATGAAGTGGACACTCAG
 TACAGCGCCCTGAAAGTGAAGTATGAAGAGCTCCTGAGGAAGTCCAGCAGGAGCAGGACTCACTGTCAC
 ACAAGGCTGTGCAGACCTCCAGACTGACGAGGGACCTGACAGGGTGGTCCCGCAGCTGAGGCCGG
 GGCCAGTGGCTGGGAACCCACCCCTGTAAGCCAGAGCCCATCAGTTCCCCACCCTACACTCCAGAA
 TACAAAGCACTATTTAAGGAGATATTTAGTTGCATCAAGAAAACAAAGCAGGAAATAGATGAACAGAGAA
 CAAAATACCCCTCCCTCTCCCTTACTCG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001025682

Insert Size: 1362 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_001025682.1](#), [NP_001020853.1](#)
RefSeq Size: 2372 bp
RefSeq ORF: 1362 bp
Locus ID: 308958
Cytogenetics: 1q36