

## Product datasheet for **RN217330**

### **Ccar2 (NM\_001170472) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ccar2 (NM_001170472) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ccar2
Synonyms:	RGD1309922
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN217330 representing NM\_001170472  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCCCAGTTTAAAGCGCCAGAGGATCAACCCACTTCCAGGGGGACGGAATTCTCAGGCGCAGCTTCAA  
 CATCTCTTTGGGTCCTCCTCTGGTCTGCTTACTCCTCCTGTGGCCACAGACTTGTCCAAAATGCCAG  
 GCACCTTCAGAGTGGGGAGAAGCAGCGAGTCTTACTGGCATTGTTACCAGCTTGCATGACTACTTTGGG  
 GTGGTAGATGAAGAAGTCTTTTTTCAGTAAGTGTGGTGAAGGGCCGACTACCCAGCTGGGTGAGAAGG  
 TGCTGGTGAAGGCTGCGTAAACCCAGGCCAGGCAGTGCCTGGAATGCTGTCAAGGTGCAGACGCTCTC  
 CAACCAGCCCTTACTGAAGTCTCCAGCACCTCCCTTCTACATGTGCCAGCTCTGGGCCAGAAGCAAGGG  
 ATCCTCGGAGCTCAGCCCAGTTGATCTTTCAGCCTCACCGAATCCCCCACTTTCCCTCAGAAGCCTC  
 TGAGTCTCTCCAGACATCCCATACACTCACCTGAGCCACTGAACAGATTTCTGCTCGGGGTCTCA  
 TGGAAGGCTGGACCAGGGCCGAAGTGACGACTATGACTCGAAGAAACGCAACAGCGGGCTGGTGGAGAG  
 CCTTGGGGTGCTAAGAAACCTAGGCATGACCTGCCTCCTTACCGGTGCATCTCACTCCCTATGCTGTGG  
 ACAGTCCCACCTGTGACTTCTAGAACTGCAGCGACGTTACCGCAGCCTGTTGGTCCCCTCAGATTTTCT  
 TTCCGTTCACTTGAGCTGGCTGTGAGCCTTCCCACTGGGCCAGCCCTTTCCCTCCACCACCCGAGTCGG  
 ATCCAGGTCTCTTCAGAGAAGGAGGCAGCTCCAGACACTGGTGTGAGCCAGCCCTGAGGACAGTGACC  
 CCATTTACAGTCCAAGGTGCTGCTGCTCCTCCCAAGGCTAGAGGAGTTCTATCGTTGCTGCATGCT  
 GTTTGTGGATGACATGGCTGAGCCAAGGGAGACACCAGAGCATCCTCTGAAGCAGCTAAAGTTTTGCTG  
 GGCCGAAAAGAAGAAGAGGCAGTGTGGTTGGGGGTGAGTGGTCTCCTTCCCTGGATGGCCTCGACCCCC  
 AGGCAGCCCGCAGGTGCTGGTGGCAGCCATCCGCTGTGCACAAGCCAGACTGGCATTGAGTGTAG  
 CACTGTACCAAATGGTGGCGTTTTGCTGAGTTTCAGTATTTGCAGCCGGGGCCGCCCGGAGTTACAC  
 ACAGTAGTGGTGTACCTGCCAGATGTGTGGACCATCATGCCCACTTTGGAGGAGTGGGAGGCACTGTGCC  
 AACAGAAAGCCACAGAAGCAGCTCCCAACCGCAGGAGGCATCAGGGGAGGCAGAGGCTACTGAACAGGC  
 TCCTGACGTGTGACAGCAAGCAGACACTTCTAAACAGGACACAGAGACAGCAGAGGCCACCACACAGCAA  
 GATGTGGACACTGAGCTCCAGAGGCCCTCCGCCTCCTCTAGAACCTGCGGTGATGGCAGCTCTGGCT  
 GTGTCAACCTGTCTCTACGGAATTGTGGAGGATCGGAGGCCAAAAGAAAGGATCTCTTTGAGGTGGT  
 GGTGCTGGCCGAGCTGTTTGTGGAGATGCTGCAGAGGACTTTGGCTATAGAATTTATAAGGTGCTGCTG  
 AGCCTTCCAGAAAAGTTGTGTCTCCTCCTGAACCTGAGAAGGAGGAGGCAGCCAAGGAGGATGTGGTCA  
 AAGAGGAGGAGGCTGTCAAAGAGGAGGCAGTGAAGGTGTCCAAGGATGAGGTACAGAATGAGGGCACAGC  
 TGCCGAGGCAGACAGCCCACTGAAGGAGGATGGGCTTCTGCCAAAACAGCCCTCTGCAGGGGGAGAAGAG  
 GAGGAGAAGGCCCGGGGTGAGGCAGCTGAGGACCTCTGTGAAATGGCCTTGGACCCAGACCTGCTGCTTC  
 TGAGGGATGATGGAGAGGAAGAGTTTGCAGGAGCAAAGCTAGAGGAAACGGAGGTTTCGCTCTGTTGCCTC  
 CAACCAGTCCGAGATGGAATATCTTCTCTTCCAGGACATGCCTAAGGAGCTGGATCCCTCAGCTGTGCTC  
 CCCTTGGACTGCCTTCTGGCTTTTGTGTTTTTGTGATGCCAAGTGGTGTGGCTACTTGCACAGGCGAGACT  
 TGGAGAGGATCCTCCTCACCTTGGGATCCGGCTCAGTGCAGAGCAGGCCAAACAGCTGGTTAGTAGAGT  
 GGTGGCACAGAACATCTGCCAGTATCGGAGCCTTCAGTATAGCCGTGCTGAGGCGCTGGATGACGGGCTT  
 CCAGAAGACGTGCTCTTTGGAAACCTGGATCTACTGCCTCCTTACGAAAAGAGCACAAAGCCAGGTGCTG  
 CCCCCACAGAGCACAAAGGCCTGGTGCCCCACAATGGTAGCCTCATCAATGTGGGAAGCCTGTTACAGCG  
 TGCAGAGCAGCAAGACAGTGGCCGCTGTACCTGGAGAACAAGATTACACACTGGAATTAAGCTTGTAG  
 GAGAGCCATAACCGATTTTCAGCCACTGAAGTGACAAAATAAGACACTGGCAGCAGAGATGCAGGAGCTGC  
 GGGCTCGGCTGGCCGAGGCGGAGGAGACAGCCGGACAGTGAACGACAGAGAACCAGCTCCAGCGTCA  
 GATGCAGGACTTCCGACAGCCTGACCCCACTGCACCTTGAGATGCAGCGGATCGTTGAAAAGGCTGAC  
 AGCTGGGTAGAGAAAGAGGAGCCAACGCCTAGCAACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

<b>ACCN:</b>	NM_001170472
<b>Insert Size:</b>	2769 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001170472.1, NP_001163943.1</u>
<b>RefSeq Size:</b>	3613 bp
<b>RefSeq ORF:</b>	2769 bp
<b>Locus ID:</b>	306007
<b>Cytogenetics:</b>	15p11