

Product datasheet for RN211664

Ccar1 (NM_001108535) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccar1 (NM_001108535) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ccar1
Synonyms:	RGD1560358
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211664 representing NM_001108535 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTCAGTTTGGAGGACAGAAGAATCCTCCATGGGCTACTCAGTTTACAGCCACGGCGGTGTCAAC
CAGCTGCACTAGGTGTTACGAGCCATCACTTCTGGGAGCATCCCCTACCATCTATACGCAGCAGACTGC
ATTGGCGGCCGAGGCCCTTACCACGCAGACGCCAGCAAATATCAGTTAACACAAACTGCCGCACTGCAG
CAGCAAGCTGCAGCTGTCTTACAGCAGCAATATTCACAACTCAGCAGGCCCTGTATAGTGTGCAACAGC
AGTTACAGCAACCCAGCAGACCATTTTAAACACAGCCAGCTGTTGCATTGCCACAAAGCCTTAGCCTGTC
TACTCCTCAGCCTGCAGCACAGATTACTGTGTCCTATCCAACACCAAGGTCCAGTCAACAGCAGACTCAA
CCTCAGAAGCAGCGTGTTCACAGGAGTGGTTACAAAATACATGATACGTTTGGATTTGTGGATGAAG
ATGTATTCTTTCAGCTTGGTGTGTTAAAGGGAAAACCCCAAGTGGGTGATAGAGTCTTGGTTGAAGC
AACCTATAATCCTAATATGCCTTTTAAATGGAATGCACAAAGAATTCAAACACTACCAATCAGAATCAG
TCACAAACCCAACTTTACTGAAGACTCCTACTGCTGTTATCCAGCCGATTGTGCCACAGACAACATTTG
GTGTTCCAGGCACAGCCCCAACCCAGTCATTATTGCAAGCCCAGATCTCAGCTGCTTCTATTACACCCCT
ATTGCAGACGCAGCCACAGCCCTTACTACAGCAGCCACAGCAAAAAGCTGGCTTATTGCAGCCTCCTGTC
CGAATAGTATCACAGCCACAACCCGACGAGATTAGATCCGCCATCTAGATTTTCAGGAAGAAATGACA
GAGGGGATCAAGTACCTAATAGAAAAGATGACCGAAGTCGTGAAAGGGACAGAGAAAAGACGCAGATCCAG
AGAAAAGTACCTCAGAGGAAACGTTCCCGGGAGAGGTGCCCCGGAGAGAAAAGAGAGCGATCCCCTCGG
AGAGTCCGCCGTGCTGTTCCACGGTACACAGTGCAGTTTTCAAAGTTTTCTTTAGATTGTCCAGTTGTG
ACATGATGGAATTAAGGCGCCGTTATCAGAATTATATATTCCTAGTGACTTTTTTGTGCTCAGTTTAC
ATGGGTGGATGCTTTCCCTTTGTCAAGACCATTCAACTGGGAAATTAAGTCAATTTTTATGTGATGCAC
CGAGAAGTGGAGTCTTAGAAAAAATGTGGCTGTTCTTGACCCACCTGATGCTGACCACCTGTACAGTG
CAAAGGTAATGCTGATGGCTAGCCCTAGTATGGAAGATTTGTATCATAAGTCATGTGCTCTTGTCTGAAGA
CCCACAAGACCTTCGTGATGGTTTTTCAGCATCCTGCTAGACTTGTAAAGTTTCTAGTGGGAATGAAAGGC
AAGGATGAAGCCATGGCCATTGGAGGCCACTGGTCTCCTTCGCTGGATGGACCAACCCAGAAAAAGACC



[View online »](#)

```

CCTCTGTGTTGATTAAGACTGCCATTTCGTTGTTGTAAGGCCCTGACAGGCATTGATCTAAGTGTGTGCAC
ACAATGGTACCGTTTTGCAGAGATTCGCTACCATCGCCCTGAGGAGACCCACAAGGGCGTACAGTTCCA
GCTCATGTGGAGACAGTGGTTTTATTTTTCCCGGATGTTTGGCATTGCCTTCCCACCCGCTCAGAGTGGG
AAACCCCTCCCAGGATACAAGCAGCAGCTGGTCGAGAAGCTTCAGGGTGAACGCAAGAAGGCTGATGG
AGAACAGGATGAAGAAGAGAAGGATGATGGTGAAGTTAAAGAAATGCTACTCCTACCCATTGGTCTAAA
CTTGATCCAAAGGCAATGAAGGTAACGATCTCCGAAAAGAATTAGAAAAGTCGAGCTCTTAGTCCAAAG
GACTAAAATCGCAGTTAATAGCTCGCCTGACAAAGCAGCTTAAAAATAGAAGAACAGAAAGAGAGCAGAA
GGAATTAGAGAAGTCTGAAAAGGAAGAGGAAGATGAGGATGATAAGAAGTCTGAGGATGATAAAGAGGAA
GAAGAAAGAAAACGTCAAGAAGAAGTGGAAACGCCAACGCCAAGAAAAGAAGATACATTTTTGCCTGATGAGC
CTGCCATAATTGTCCATCCAAACTGGGCTGCAAAAAGTGGGAAGTTTGATTGCAGCATCATGCTTTTGAG
TGTCTTTTAGACTACAGATTGGAAGATAATAAAGAACATTTCGTTTGGGTTTCATTGTTTGCAGAACTT
TTCAATGAAATGCTTCAAAGAGATTTTGGGGTCAGAATATACAAATCATTACTCTCTTCTCTGAGAAAG
AGGACAAAAAGATAAGGAAAAGAAAAGCAAAAAAGAAGAGAGAAAAGATAAAAAAGAAGAGAGAGAAGA
TGATATTGATGAACCAAAACCAAAACGGAGAAAATCGGGCGATGATAAAGACAAAAAGAAGACAGAGAT
GAGAGGAAGAAAAGAGAAAAGAAAAGATGATTCTAAGGATGATGATGAAACTGAAGAAGATAACAATC
AGGATGATATGACCCCATGGAGGCAGAGGAGGCGGAGGAGGAGGACGACAGGGAGGAGGAGGAAGT
GAACAAACGAGACGACAAAAGGGACGTCAGCCGATACTGCAAGGACAGACCCCTCAAAGGACAAGGAAAA
GAGAAGCCTCAAATGGTCAAGTAAACAGGGATCTGCTAATGGCCTTTGTTTATTTTGTCAAAAGTCATT
GTGGTTACCTTCTGAAAAGGATTTGGAAGAAACTTTTATACTCTTGGACTGCATCTTTCTCGGGCTCA
GGTAAAGAAACTGCTCAATAAAGTAGTCTCCGAGAATCGTGCTTCTATCGGAAATTAACAGACACCTCA
AAAGACGGCGAGAGCCATGACGAGCCAGAGTCGCTGCAGGGGACACGACGCTGGGAAACAGGTTACTAC
TTCCCACACCAACAGTGAAGCAGGAATCGAAGGATGGAGAAGAAAACGTAGGGCTTATTGTGTACAACGG
TGCAATGGTGGATGTTGGGAGTCTTTACAAAAGCTGGAAAAGAGTGA AAAAGTAAAGAGCTGAGGTAGAA
CAGAAGCTCCAGTTACTAGAGGAGAAAACAGATGAAGACGAAAAACTATATTA AACTTGGAGAATTCTA
ACAAAAGCCTCTCTGGTGAACCTTAGAGAGTCAAAAAAGACCTTGGTCAATTACAAGAAA AACTTGAAGT
TTCAGAAAACATGAATTTGCAATTTGAAAACCAATTGAATAAAACACTCAGAAACTTATCCACAGTCATG
GATGATATCCCACTGTCCTAAAAAAGGATAACGTAAAGAATGAAGACAGAGATCAGAAATCCAAGGAGA
ATGTTCAAGTGTGA
    
```

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108535
- Insert Size:** 3447 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_001108535.1](#), [NP_001102005.1](#)

RefSeq Size: 4438 bp

RefSeq ORF: 3447 bp

Locus ID: 361849

Cytogenetics: 20q11