

## Product datasheet for **RN207650**

### **Ccna1 (NM\_001011949) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ccna1 (NM\_001011949) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ccna1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN207650 representing NM\_001011949  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCGTCGCCACAGCTCGAAGAGTGGAGTGCCTCCAGTGGGCCAAGTCTGATGCTTGTGAGA  
TGCTCACCCGAGCTCAGCTTGGCCAGGATCCCCACAGAGAACCCTGCTAGGAGTGTGACTGAAAAATGA  
GCAGTACAGGAGGGCCTGTGGCCAGGAGATCGCAACGATCAGATGTTTTCTGGATCAGAAAATGTCTTC  
CCTGCAGCTGAAAGAAAGTACTCCCTGACAACGGGGTCAAGTGAAGCCAGCAAGCATGGATTTGATATCT  
ACATGGATGATCCTGAACAGGGGACAGAGACAGCTGCCAGGGAGAGAGGGCATAGTGTGGAGGATGT  
GTATGAAGTAGACACCAGCATGCTCAAGTCAAGTCTCCACTTCTGCTGGATTTCAACACAGTTTCCCCA  
ATGCTGGTTGACTCCACCCGCCATGCCAGTCCGAGGAAGCAACGGATTTGGTTTCAGATGTGATCAACG  
TAACGGAATATGCAGAGGAGATTATCGATACCTTCGAGAAGCTGAAGTAAAGACACAGACCAAGGCTCA  
CTACATGAGGAAGCAGCCGGACATCACGGAGGGCATGCGGCCATCCTGGTGGACTGGCTGGTGGAGGT  
GGGGAAGAATATAAACTCCGCACAGAGACCCTGTACTTGGCTGTCAACTCCTGGACAGGTTTCTTCTCCT  
GCATGTCTGTTCTGAGAGGGAAATTGCAGCTTGTGGGACAGCAGCTATTCTCCTGGCTTCGAAATACGA  
AGAGATATACCCGCCGATGTGATGAGTTTGTCTACATCACTGACGACAGCTACACAAAGCGACAGCTA  
CTGAGGATGGAGCATCTGCTGCTGAAAGTCCCTGGCATTGATCTGACCGTTCCAACCACCAACAGTTCC  
TCCTTCAGTACTTAAGCGGGCAAGGGGTGTGCATCAGGACTGAGAATTTGGCCAAGTATGTTGCAGAACT  
GAGCCTTCTGGAAGCTGACCCATTCTTGAAGTATCTTCTTCTTGGTAGCAGCAGCAGCTTACTGTCTG  
GCAAACTATATTGTGAACAGACACTTCTGGCCAGAAACTTGTGCAATTTACGGGCTATTCATTAATG  
AGATTGTGCCTTGCTGAGTGAAGTGCATAAAGCATGCCTCAGTATACCCCATCGACCGCAGCAAGCAAT  
CAGGGAGAAGTACAAGGCTTCAAGTACCTGCAGTGTCCCTCATGGAGCCACCCGATGTTCTTCCCTG  
CAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_001011949
<b>Insert Size:</b>	1266 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>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><a href="#">NM_001011949.1</a></u> , <u><a href="#">NP_001011949.1</a></u>
<b>RefSeq Size:</b>	1761 bp
<b>RefSeq ORF:</b>	1266 bp
<b>Locus ID:</b>	295052
<b>UniProt ID:</b>	<u><a href="#">Q6AY13</a></u>
<b>Cytogenetics:</b>	2q26
<b>Gene Summary:</b>	May be involved in the control of the cell cycle at the G1/S (start) and G2/M (mitosis) transitions. May primarily function in the control of the germline meiotic cell cycle and additionally in the control of mitotic cell cycle in some somatic cells (By similarity). [UniProtKB/Swiss-Prot Function]