

## Product datasheet for **RN206204**

### **Ccna2 (NM\_053702) Rat Untagged Clone**

#### Product data:

|                      |   |
|----------------------|---|
| Product Type:        | Expression Plasmids   |
| Product Name:        | Ccna2 (NM_053702) Rat Untagged Clone  |
| Tag:                 | Tag Free  |
| Symbol:              | Ccna2   |
| Synonyms:            | MGC156527   |
| Vector:              | pCMV6-Entry (PS100001)  |
| E. coli Selection:   | Kanamycin (25 ug/mL)  |
| Cell Selection:      | Neomycin  |
| Fully Sequenced ORF: | >RN206204 representing NM_053702<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCCGGCAACTCGAGACAGGCGGGCTCGGCCCTGCTCTCCAGCAGGAAGACCAGGAGAATGTCAACC  
CCGAAAAAGTGGCGCCAGCCAGCAGCCCGGGCGCAGGCGGTGCTGAAGGCCGGGAAGGTGCGGGGACC  
GGCGCCGAGCAGAGGCTCAAGACTCGGCGGGTTGCGCCTCTTAAGGACCTTCTATAAAGCAGTACGAC  
GTCCCTACTGTTCTTCAATGAAAAGCAGTCAAGTAAACAGCCTGCCTTACCATTCAATGTGGATGAAGCTG  
AAGAGACTCAGAAGAGGCCAGCTGAGCAAAAAGAACTCAGTGTGAAGATGCCCTGGCTTTTAGTGCCGC  
TGTCTCTTACCCGGAGCCAGAAAACCACTGGTACCTCTTGATTACCAATGGATGGTAGTTTTGAATCA  
CCCCATGCTATGGATATATCTATTGTCTTAGAAGACGAAAAGCCAGTGAATGTTAATGAAGTACCTGACT  
ATCATGAAGATATTCACACGTACCTTAGGGAAATGGAGGTTAAATGTAACCTAAAGTGAAGTATATGAA  
GAGGCAGCCAGACATCACTAACAGTATGCGGGCCATCCTTGTGGACTGGCTAGTTGAAGTGGGAGAAGAA  
TATAAATACAGAATGAGACCTGCATTTGGCTGTGAACACTACATTGATAGATTCTCTCCATGTCTG  
TGTTAAGAGGAAAGCTTCAGCTTGTGGCACAGCTGCTATGCTGCTAGCTCAAAGTTTGAAGAAATATA  
CCCCCAGAAGTAGCAGAGTTTGTGTATATTACGGACGATACCTATTCCAAGAAGCAGGTTCTGAGAATG  
GAGCACCTTGATTGAAAGTCCCTGCTTTTGACTTGGCTGCACCAACAGTAAATCAGTTCCTTACCCAGT  
ACTTCTGCACCTGCAGCCTGCCAACTGCAAGGTAGAAAGCTTAGCGATGTTTTGGGAGAGTAAAGTTT  
GATAGATGCTGACCCATACCTCAAGTATTTGCCATCGCTTATTGCTGGAGCTGCCCTTCCACTTAGCTCTC  
TACACAGTCACAGGACAAAGCTGGCCTGAGTCATTGGTACAAAAGACTGGATATACCCTAGAAAAGTCTTA  
AGCCTTGCTCATGGACCTTACCAGACCTACCTCAAAGCACCACAGCATGCCAACAGTCAATAAGGGA  
AAAGTACAAGCATTCAAATATCACAGTGTCTCTTCTCAACCCACCAGAGACACTAAATGTG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                               |   |
|-------------------------------|---|
| <b>Restriction Sites:</b>     | Sgfl-Mlul   |
| <b>ACCN:</b>                  | NM_053702   |
| <b>Insert Size:</b>           | 1257 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_053702.3</a></u> , <u><a href="#">NP_446154.3</a></u>   |
| <b>RefSeq Size:</b>           | 1730 bp   |
| <b>RefSeq ORF:</b>            | 1257 bp   |
| <b>Locus ID:</b>              | 114494  |
| <b>Cytogenetics:</b>          | 2q25  |
| <b>Gene Summary:</b>          | human homolog plays a role in regulation of DNA synthesis and of mitosis [RGD, Feb 2006]  |