

## Product datasheet for **RN212072**

### **Ccer1 (NM\_001025052) Rat Untagged Clone**

#### Product data:

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                |
| Product Name:             | Ccer1 (NM_001025052) Rat Untagged Clone                                            |
| Tag:                      | Tag Free                                                                           |
| Symbol:                   | Ccer1                                                                              |
| Mammalian Cell Selection: | Neomycin                                                                           |
| Vector:                   | pCMV6-Entry (PS100001)                                                             |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                               |
| Fully Sequenced ORF:      | >RN212072 representing NM_001025052<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGACCCAGACGGTCAACGAAAGGGAGGACCCCTTAATCTGGGCGGTGGCGGTGGGCATCCTCCATTC  
CCTTGCGCACCTGGCCCTCCTACCATCGAAGGCAGAGGGGCGCTCCGATGTCCAAGCGGCGCTACCGTGA  
TGGGCCCAAACTGAGTATGAGGCTCCCAGGAAACAACCAAGCAACAGCATATCCCTGGTCTTGGTTC  
CAACCACCTAGAGGGCCCTATTGGGCTTGTACTCCAATTGGGGGCGCTGCGGAGGGCCCTGGCGCCAC  
CCCTCGTAGCATTCCAGAGCCCCCTGTGCCAGCTCAGATGATCCGGGCCTATGGTCTGCACCCGCTCTG  
TGTCTGCTGCTGCTCCTGCTGGAACGGGCCCTGGAACCCCGGCTGGGAGAGACCTCCCGGTAGAAAAGAA  
CGCTGGGGGCGCAGGGTCTGTCGCTGCCGCCACCCTCGTCGCTCCTCCCGAGGAATCCACCAATAG  
ACCTGAGCAAGATGCTGCGCCCGGTCAACCTGTACGGGTGGCGGGCACCAGGGATGAGAGCGCCACGGAA  
TACCACCCAGTTCATCATGAACCAGGTCTATGAAGACATGAGGCAGCAAGAGAAGCTGGAGCGCCAGCAG  
GCAGCGTTGCGGGCACATCAAGCCAGGCCGCTGGCATCTCCCAGGAGACTCCACTACCAATGATGCGC  
CCCAAAGTGGCGCCGAAGAAGATTCGAGTTGCCGAAGATCTGTATGGCTTCATGCAGGATCCCTCTCT  
AACCTTTAGTCTGCTCCAGGGCAACAAAACAGTCTCCACCCAGGGTTGGTAGAGGAAGAGGAGAAA  
AATGTTGATGATGATGAGTGTGACGAAGAGGTTTGTGATGAAAAAGAGGAGAGCGAGGAGGAGGAAGTGG  
ATGGAGAGTCAGAGGATGAAGATGTGGATGAGGAGGAAGTCGAAGAGGCTGGCAATGGGGAGGAAAGGGA  
AGAGGACCAAGAGGAGGAGGATGTATCGGAAGAGGCGGGCTGGAGGAGGAGAACAGAGAGAGGAAGAC  
AAATTCCTGCCTCTGGGAATGCCTTTGTCAATCCTAGTAGGGGACGAAGAAGAGAGAGAGAACTTTATGA  
ACTATGATTACTTAAGCCAAGAGCAAATAATTCCAATGTGCCAGAGGCAGATCTATTTATGGTACCGGA  
CATTAGCCATT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACCN:</b>                  | NM_001025052                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Insert Size:</b>           | 1203 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_001025052.1</a></u> , <u><a href="#">NP_001020223.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq Size:</b>           | 1759 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1203 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 500825                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID:</b>            | <u><a href="#">Q6AY45</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 7q13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |