

## Product datasheet for **RN205519**

### **Ccdc87 (NM\_001109527) Rat Untagged Clone**

#### **Product data:**

|                           |                                          |
|---------------------------|------------------------------------------|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | Ccdc87 (NM_001109527) Rat Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | Ccdc87                                   |
| Mammalian Cell Selection: | Neomycin                                 |
| Vector:                   | pCMV6-Entry (PS100001)                   |
| E. coli Selection:        | Kanamycin (25 ug/mL)                     |



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**Fully Sequenced ORF:**

&gt;RN205519 representing NM\_001109527

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

 ATGGAACACAGAATCAGGAACCTGACCTCAAGCCGATTTACCACCAGTTGCTGAGTCCGCTGTCGATCT  
 TCCCCAGGAAGGCGACGCTCCCGAGCCTCCGAAACGCAGCTCTCCAGATGTCTCGGCTTTGCAATCCAT  
 CCCGCTTGCAAGCTGAAAGTGGGGCGCTGTGCCGCCAGGTGTCCAAGCGGCTAGCAAACAGCGGAGG  
 GCGGCGCGGGTAACTACCGAGGACCGACTTTGTCTACCGAGGTTATCCTAGAGGAGCTGAAGTGAACCT  
 GGCGGGAACCTCCAATAGAACCATTCTGAAGTATGAAAACAACCAGAAGCTGCGGAAGCGGCTGGAGTC  
 CTATGTGCTGATCTGCAGTGAGCAGCTCTTCATACGCTACCTGCACCTGCTGGTGACTCTGCCGACCTCT  
 AGAAGGGTCTTCACTGAGTCAGCCACCCTCAGCCGGTTGGCGGTCAACCTTGCCAGGGATTGCACAACTCT  
 TCCTCACCAGTCCCGATGTCTATCGCTGCCTGCTGGCTGATTTTCAGACCCTGCTGAATTTAAAGCGCAC  
 CCAGGGAGACATATTCAAGTTGCGTCCCCCTGCCAGTCCCCCTGGAACCTTCAAGCTCTGTCCAATCCCT  
 TGGCCTCACAGCACTGGCTTAGACCAAGTGCCATGCAGTACGCTCAACCTGAACCTACCTGTTCAACTCA  
 GCCGCCCATATGATTTCCCCAGTGAGCCCGAACCTGATCCAATGCAAGAGTTGAGATCCATCCCCAGCT  
 GAAGAGTAGACAGCAGCTCCTCTGGGTGCCCTTCATGATAAAAGAAAAAGAAATTGAAGGGAGATCCTCA  
 CAGATGGTACCACTGCCTAGCCATTCTCTCCCAGCAGTGAGATCCCCCCTTCCCCACCTCACCAGTCC  
 AGCCCTGGCTCCAAAGGGGCCAGTCCATGCCCTGTCTTTGTGAGGGGTGGAGTCTGGCAGATGAGTTGGG  
 CCTTCTTCTCTCTCCCCCTATCCCCCTACCCCACTGATCTTGGCTTCAAGAGTAAACCACTGCCATTC  
 CGGGACATAGTGGCTGAGGATCTGAAGCAAAAGATGAAGATCATGACAATGGAGTGGAGTCGATACTCAC  
 TGCTGGACTCCGGCTGCCCTCTGGTCAGGGTCTCACCCTGGCGCCTATCTGCCAGCAGCACATAGA  
 GGAACCTGACGCAAAATGCTGAAGAACCTGCAGGAGGAAGAAGCCTCTGGAAGTGGGATCTCTACCCCCA  
 AGAGTCACTCCACTCCAGCCACAGCCAGTCACTGTTACTTTGAAGGTACAGGATCAAGTCGTAGTCCAGG  
 TAGCTACTGTGCAACTCTCTGAAAGATACTTTTCTGACTCTTCCACCTCGAGGGGGCCGGACTCCTCTA  
 CAACCATCTGACTGGGGAACCTGGATGGTAAGGCCATCAAAGAAATGGACGCTGATCGTCTTATTGGGAAC  
 ACCACCAAAGAGATATACAAGGAATTGATAAGCCGAGTCTCTACTGGTCACTTCTCTTTGAAGACGCAT  
 CCCAAATTGAGCCATCAGCAGATAAAGATTGGTCTCTACTTGGCTCATCTCTCTACACCAAGATAA  
 ACATATGTCATTCAACCAAAATCTGGTTGGGTTTACTCCAGAAGAGCAAGCGCTCAGCAGCTGTTT  
 TCTGAAAAGACGCTTCTCTCACTACTCCAAAGGCACAAAAGCTGGGACAAGCGACTGAACAAGGGTG  
 CATGGATAAACTGGATGAAACCCTCTGTGTCTGCAGATGACTACTTCAAGTACCTCGCCAGTCAGGAGTC  
 AGATTTCTCCATGTCTCTTCCAAATGTATGAAGAGGAGGCTCCTGTGGAGATACCAACCCCCGTCAAA  
 GAGTCCCTAGATATTCAGCAACCCCTCCCTGATACAATATGAAGAAGACCTAGAGTTTGTGCCAGGAA  
 TGTGGGACTGGAACCTCAGTGATAGAGGACAGCTCAAGACTTGGGAAAGCCCACTTCTAAGCTTGCAGCA  
 GCGTCTAGAACAACCTGTGGGTCTGTGGAAGTGCCTGAACAGAGTCGGTTAGACATGGTCATCAAGTAC  
 AGCTCTAATGCACGCTGCAGCACTACCAGCATTGATCAGGGCTTGGGAGCGGGTCTGAAGCCCATTC  
 AGAAGCGGGAGTTGTTGCTAGGGAGACTGGAGTGGTTTGAGCGACAAGCCTCCGACCCCAATCGCTTCTA  
 CCAAAAGCCCGATTTGTTGCTGAATCGATTCTGGAGGAGAATCGGTTCCGTAGCTATATCCAAAAGAAG  
 CTCAGTCAAGTGGAATCTTGTGATTCCCTTGCTGGAAAAGATAGAGTCAAGTCTTGGTGAGCCAGTGA  
 CCTTCAAGGGACGGAGCTATCTGGAGAAGATGAAGCAGGACAAAGTGGAGATGCTCTACTGGCTCCAGCA  
 GCAGCGGCGGATTGCAATCTGATCCGGACCCAGAAAACCATCCGCAATCATCCATGTCCACAAGGAAC  
 AACAGCCAGGCTTTGATGGCCCTGAGAACCTCCCATTAATCAAT**TAA**
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001109527

**Insert Size:**

2568 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>NM_001109527.2, NP_001102997.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>           | 2722 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 2568 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 689151                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cytogenetics:</b>          | 1q43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |