

## Product datasheet for **RN203042**

### **Cdc14b (NM\_001108404) Rat Untagged Clone**

#### **Product data:**

|                    |  |
|--------------------|--|
| Product Type:      | Expression Plasmids                      |
| Product Name:      | Cdc14b (NM_001108404) Rat Untagged Clone |
| Tag:               | Tag Free                                 |
| Symbol:            | Cdc14b                                   |
| Vector:            | pCMV6-Entry (PS100001)                   |
| E. coli Selection: | Kanamycin (25 ug/mL)                     |
| Cell Selection:    | Neomycin                                 |



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**Fully Sequenced ORF:** >RN203042 representing NM\_001108404  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAGCGTAAGAGCGAGCGCGCTCGGCTTGGGCCACCGCGCCCCCTGCTCAGCCGAGCTCGTCCT  
 CCTCTCCCGGTGTGAAGAAGAGCCGAGCTCCACGCCGAGGAGCTGCACCGCCTGGAGCAGCAGGACGA  
 CCTGTACCTGGACATCACGGATCGCCTTTGTTTTGCCATTCTCTACAGCAGACCAAGAGTGCATCAAAC  
 GAGCATTATTTACAGATAGATAACGAGCTAGAGTATGAGAACTTCTATGCGGATTTTGGACCACTCAATC  
 TGGCCATGGTTTACAGATATTGTTGCAAGATAAATAAGAAGCTCAAGTCCATTACAATGCTGAGGAAGAA  
 AATTATCCATTTACCGCACTGATCAGAGAAAGCAAGCAATGCCGCCTTCTATCGGGTGTATATG  
 GTTATATATTTGGGGAGGGCACCAGAAGACGCGTATAGAACATTAATCTTCGGGGATACGCCTATATTC  
 CTTTCAGAGATGCTGCCTATGGAAGCTGCAGTTTCTACATTACACTTCTCGACTGTTTTTCATGCAGTAAA  
 AAAGGCAATCCAGTATGGCTTCTTAATTTCAACTCATTTAACCTCGATGAATATGAACACTATGAAAA  
 GCAGAAAAATGGAGATTTCAACTGGATAATACCAGAGCGGTTTCTTGCCTTCTGTGGGCCACACTCAAGAT  
 CCAGGCTGGAAAGTGGTTACCACCAACATTCTCCTGAGACTTATATTCCATATTTAAGAATCACAAATGT  
 AACTACCATATCCGTCTGAATAAAAGGATGTATGATGCTAAGCGCTTACGGATGCTGGATTGATCAC  
 CATGATCTTTTCTTCCGGATGGCAGCACCCCTGCTGAGGCAATTGTCCAAGAATTTCTGGATATTTGTG  
 AAAATGTCGAGGGTGCCATTGCGGTGCATTGCAAAGCTGGCCTTGGTCAACAGGCACACTGATAGGCTG  
 CTACCTCATGAAACATTACAGGATGACAGCAGCCGAGAGCATTGCCTGGCTCAGGATCTGATGGCCCGGC  
 TCAGTGATTGGGCCCCAGCAACAGTTTCTGGTCATGAAGCAATCGAGCCTCTGCTGGAAGGCGACTATT  
 TCCGTCAAAAGTTGAGAGGGCAGGAGAACGGAGCCCTCAGAGAAGCCTTCTCAAACACCTTTTCAGATGT  
 TGATGACATTTGATAAATGGGCTTGAGAATCAAGACAGTCAAGAGCCTGAGCCGTATAGTGATGATGAT  
 GAAGTCAGTGGAGTGACACAAGGAGACAGACTTCGGGCCCTGAAAAGCCGGAGACAGCCGAAAACCAACG  
 CTATCCCCCTCACAGTAATTCTTCAGTCCAGTGTTCAGAGCTCTAAAACCCCTGAACCTAACCTTTCTGG  
 CAGTGCAGGCATTACTAAACGAACCACCAGATCTGCTTCGGGAAAAAGCAGTCTTAAAAGCCTGGCTCCT  
 TGGAGGGAGAGGAGGAGGAGTGTCTTGCAGCACATGCCCATGCTGGCCTTATGTCCAGCCATTTCAA  
 GGACTAAGACAGTCTTACGTTAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM\_001108404
- Insert Size:** 1563 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\\_001108404.1](#), [NP\\_001101874.1](#)

**RefSeq Size:** 3141 bp

**RefSeq ORF:** 1563 bp

**Locus ID:** 361195

**Cytogenetics:** 17p14