

## Product datasheet for **RN209344**

### **Rcbtb2 (NM\_199084) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rcbtb2 (NM_199084) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rcbtb2
Synonyms:	Chc1l
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209344 representing NM\_199084  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAAGAAGAAGTACCTGGTTTCTATGGAGAAGTGCCAAGTCAGTACAGGCTACCTGTCTGCTGTTGA  
 AGATGTTAGATGTGGAAAGTGGCCAATCTTCCCTTTGTTCTGAGGAAGAGCTGCAGTTGATTGCGCA  
 GGCTTGTGTCTTCGCGCACGGCTGGCAATGAAGTTTATACACTACGGTCAACGATGAGATTTTTGTTCTT  
 GGCACAACTGCAGTGGCTGTCTGGGGTAGGTGACATTCAGAGCACTATTGAGCCTCGGAGACTGGATT  
 CTTTAACTGGCAAAAAATAGCCAGCCTCAGCTATGGGAGTGGCCACATATCGTCCTTGAACCCACAGA  
 TGGAGAAGTCTTTACCTGGGGTCAATGCATATAGCCAGCTGGGCAATGGGACAACGAACCATGGTCTA  
 GTGCCCTGCCATATCTACCAATCTGTCAAACAAGCAAGTCATCGAGGTCGCTGTGGGCTTACCATT  
 CTTTGGTTCTAACATCTGATGGAGAGGTATTTGCCTGGGGCTATAACAACCTGGGCAAGTAGGATCCGG  
 ATCAACAGCTAACAGCCATTCTCGAAGAGTCACTGGATGTCTGCAGAATAAAGTAGTTATGAGCATA  
 GCGTGTGGGCAGATGTGTCAATGGCCGTTGTGGACACCGGAGAGGTCTACGTCTGGGGCTACAACGGGA  
 ATGGGCAGCTGGGCCTCGGCAGCAGTGGCAACCCAGCCGACCCCGTGCAGAGTGGCGGCCCTGCAAGGCAT  
 CCGTGTCCAGCGGGTTGCCTGTGGCTACGCACACACATTAGTGTTAACAGATGAAGGTCAAATATATGCT  
 TGGGGTGCAAATTCTTATGGCCAGTTGGGCACTGGCAATAAAAGTAAACAGTCTATCCTACCCCTGTTG  
 TTGTGGAAAAGGACAGAATCATAGAGATTGCAGCCTGTCACTCTGCCACACATCTGCTGCCAAGAGCCA  
 GGGCGGCACGTGACATGTGGGGCCAATGCCGGGGCCAGTCGGTGATCCTTCCACACCTCACCCACTTC  
 TGTTGCACTGATGACGTGTTGCCTGCTTGGCACCCCTGCTGTACCTGGCGCCTTCTCTCCGTGGAAC  
 CCGACGACCACCTCACTGTGGCTGAGTCTCTGAAGAGGGAAATTTGACAACCCTGATACTGCAGACCTCAA  
 GTTTCTAGTTGATGGGAAATATATTTATGCTCACAAAGTCCTTCTCAAAATTAGGTGTGAACATTTTCGT  
 TCTTCATTAGAAGACAGTGAAGACGATATTGTAGAAATGAGTGAATTTTCGTATCCTGTCTTCCGAGCTT  
 TCCTGGAATATCTATACACAGATAACATCAGCCTACCTCCTGAGGAGGCAGTAGGATTGCTAGATCTGGC  
 TACATTTTACAGTGAAGTCTGGCTGAAAAAGCTCTGTCAACAACTATCAAGCAAGGGATCTGTGAGGAG  
 AATGCTATTGCTCTGCTGTCTGTCAAGTACGATGCTCAGGACTTAGAAGAGTTCTGCTTACAGGT  
 TTTGCATCAACCATCTGACCGTAGTCACACAACGTCAGGCTTTGCAGAAATGGACCACGATCTTCTGAA  
 GAACCTTATCAGCAAAGCCAGCAGAGTTGGAGCCTTTAAGAAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_199084

**Insert Size:** 1656 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\\_199084.1](#), [NP\\_954515.1](#)

**RefSeq Size:** 1971 bp

**RefSeq ORF:** 1656 bp

**Locus ID:** 290363

**UniProt ID:** [Q6P798](#)

**Cytogenetics:** 15q11

**Gene Summary:** human homolog may be a guanine nucleotide exchange factor related to the regulator of chromosome condensation (RCC1) gene [RGD, Feb 2006]