

## Product datasheet for RN210423

### Rb1cc1 (NM\_001107901) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rb1cc1 (NM_001107901) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rb1cc1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210423 representing NM_001107901 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAAGTTATATGTGTTTCTGGTTAACTGGAACCCTCTGACATTTGACACTGAGCTAACTGTGCAAA  
CTGTGGCTGATCTGAAGCATGCCATTCAAAGCAAATACAAGATTGCTGTTTCAGCACCAGGTGCTAGTTGT  
CAATGGAGGAGAATGCATGACTGCAGATCGAAGAGTGTGCACTTACAGCGCTGGGACCGACACAAATCCA  
ATTTTTCTTTTTAATAAAGAAATGATCTTATGTGACCGTGCACTTCTTAAACCACCTTTTCAA  
CAGAAAATGCATGAAAATAAAGTGAAGAGTCTTATGATGCCTGCAGTTTTTCACACTGTCGCTTC  
AAGGACACAGCTTGCAGTGGAAATGATGAAGTTGCCAAGAAGCTTTGCTCTTTCTGTGAAGCCTTGTC  
CATGATGAACATCTTCAGCACCAAGGCTGGGCTGCAATCATGGCCAATCTGGAGGACTGTTCAACTTCAT  
ACCAAAAACCTCTTTCAAGTTTGAAAGTATTTATTCTGATTATCTGCAATCCATAGAAGACATCAAGTT  
AAAACCTACTCATTTAGGAAGTGCAGTTTCAGTAATGGCCAAGATTCCACTGTTGGAGTGCCTAACCGA  
CATAGTTACAGGGAATGTTTGGGAAGACCGGATCTTTAAATGAACATGAAGGCTCAGAGAAAGCTGATA  
TGAAAAGATCTACTGAACTGGTGTCTCTCCTGATATGCCTAGAACAACAAACATCCTTGTTAACCTC  
ATTTACAAAGTCAGTGGAGCATGTAGCTCCAGATGTCAGTGTGCTGAACAAGGCAAGAACTTCGAGAA  
TCTTGTCAAAGTACTGTCCAGCAAGAAGACGCTCCAGTAGATGCTAAAGCAGTGATCTGCCTTTTTTTA  
ATGTTTCTTTGTTAGACTGGATAAATGTTCAAGATAGACCTAATGATGTGGAATCTCTGGTCAGGAAGTG  
CTTTGATTCTATGAGCAGGCTTGACCCAAAGATTATTCACCGTTTATGTTAGAATGCCATCAAACCTATT  
GCCAAACTTGATAATCAGAATATGAAAGCCATTAAGGACTTGAAGATCGGCTGTATGCCTTGACCAGA  
TGATTGCTAGCTGTAGCAGGCTGGTGAATGAACAGAAAGAGCTTGCTCAGGGATTTTTAGCTAATCAGAT  
GAGAGCAGAAAACCTGAAGGATGCATCTGTGCTACCTGATCTGTGCCTGAGTCATGCAAAATCAGCTAATG  
ATTATGTTGCAAAACACAGAAAACCTGTTGGACATTAACAGAAAGTGTACCACTGCCAAACAAGAGCTAG  
CAAACAATCTGCATGTCAGACTGAAGTGGTGTGTTTTGTGATGCTTCATGCTGATCAAGATGGAGAAAA  
ACTGCAAGCACTACTCCGCTTGTAAATAGAGCTATTAGAAAGAGTCAGAATTGTTGAGGCTCTTAGTACA  
GTTCTCAGATGTACTGCCTAGCTGTTGTTGAGGTTGTAAGGAGAAAAATGTTTCATTAACACTACAGAG  
AGTGGGCCGCTTTAGTCAAAGATGGAAAACAATTGTATGAAGCTGAAAAGTCAAAGGAGTCCCTT  
TGGGAAATTTTAGGAAGTCTTTTTAAGAAATCGTCTGTTAAGGACTGGACTCCTGGCCTTCTCA



[View online »](#)

TTTTGTACTCAGAAGCCTCGAAAATTTGACTGTGAACTTCCAGATATATCATTAAAAGATTTACAGTTTC  
 TTCAATCATTTTGTCTTCAGAAGTGCAGCCATTCCTCAGGGTTCCTTTACTTTGTGACTTTGAACCTCT  
 ACACCAGCATGTACTTGCCTACATAATTTGGTAAAAGCAGCACAAAAGTTGGATGAAATGTCACAGACC  
 ATTACAGATCTGCTGAATGAACAAAAGGTATCCACAAGTCAAGCATCTCCACAGTCAAGTCTCTCCAA  
 GAATAGAAAGTACAACAGGCATTACAACACTACCTCACAAAAGCTCCTCCTCCACTAACTGTTCCAGGA  
 TACTCTATATCCGGCAGCGTGTCCCTTAGAAGAGCTGTCTCCGGATAGCATCGATGCTCACACATTTGAT  
 TTTGAAAACCGTCTCCCATCCAAACACAGAGCAAACAGTTCACCAGGCTTCTATAGACTTGGACTCATTAG  
 CAGAAAGCCCTGAGTCTGATTTTATGTCTGCTGTGAATGAGTTTGTGATAGAAAGAAAATTTATCATCTCC  
 GAACCCTATAAGTGATCCACAAAAGTCCAGAAAATGATGGTGGAGTGCCTTTACTCTTCAGTCAATGCA  
 ATAGATAGTAGGCGCATGCAGGACACAAGCACAGTGGAAACGAGGGCTTTGGGGATCGCGCTGCCTAC  
 ATGTCCAGCTCGAGAAATGCAGAGTTGCTGCCAAGACTCTCACATCAGTATACAAACCTCAAGGATGA  
 TCTGTGCCACTTCAGAACATTTGTACAGAAAGAACAGTGTGACTTATCAAATATTTAAAATGTACAGCT  
 GTAGAAAATAAGAAATATTATTGACAAAAGTAAAATGTTCCCTAGAAATAACACTAAAGGAAAAACATCAGC  
 AAGAACTCCAATCTTTAAAATTTGAGTATGAATGTAACCTAATACTCTAGAAAAAGACAGTGAAGAAAA  
 TGTAATAAAAATTTAAAATTTGAAAGAAGATTTAGTATCCCTTGAGGAGGCTTTACAAAAAAGACAGT  
 GAATTTGCGATAATTAAGCATGAAAAGGATGCTATTGTCTGCATGCAGCATGAGAAGGATCAGAAGTTGT  
 TAGAGATGGAAAATATAATGCATACTCAAAACAGTGAATTTAAAGAACTGAAGCAGTCCAGGAAAATGGT  
 GTTAGAAGACCTGAAAAACTGCATGATGAAAAATAGAGTCAATTGAGAGCTGAATTTCAAGTGCCTAGAA  
 CAAAATCACTTGAAGGAATTAGAAGACACACTGCACATCAGGCACACAGAGGAGTTTGGAGAAAGTTATA  
 CAGACCACAAAGTATCTTTGGAGAAATTTAAAAAGGAAAATCAGCAAAAATTTGACCAGATGCTAGAATC  
 TCATGCCTCAGCTATTCAGGAGAAAGAGCAGCAGCTGCAGGAATTGAAAGTCAAGGTTTCTGACTTGCA  
 GACATGAGGTGTAAGTTAGAGTTGAACCTGCACTGAAGGAAGCAGAAAACAGTGAATAAAGATCTTGC  
 TGGAAAGAGACAGAACACAGCAGAAAGGAAACACTGAAGTCTCTACTTGAACAAGAAACCGAAAATTAAG  
 AACAGAAAATAAAATAAATTAACCAAAAAATTCATGATAATAGTGAGAGTTATCAGGTGGGTTTATCAGAG  
 TTAAGATCTTTAATGACAATTGAAAAAGATCAGTGCATTTAGAGTAAATCAGTAGACATGAGGAAGAAT  
 CTAATATACTTAAGGCTGAATTAGACAGTGTACAGCTTTGCATCACCAAGCATTGAAATAGAAAAAAA  
 ACTGAAAGAACAATAGTTGAATTGCAGACTAAATTTGAACCTCAGAACTGAGTGTCTTTGAAAAACAGAAA  
 GATGAAAAAATAACCAACAAGAAGAGAAGTATAAAGCTTTATACAGAACCTTGAGAAAGACAAGCAAA  
 GATTGGCCATGAACCACGAACAAGACAAAGAACAGTTAATTCAGAAGCTTAATTTGAAAAAGATGAAGC  
 CATTCAAACCTGACTAGATGAATTAAGCTGGAGAGAGAAGTGTGAGAAAGAGTTATTAGAAAAAGTT  
 AAACATCTTGAGAATCAAATAGCTAAAAGTCCCGCTTTGAATCAGCCAGAGAAGATTCTTCAAGCTTAG  
 TTGCTGAACTTCAAGAGAACTTCAGGAAGAAAAGCTAAGTTTCTAGAACAACTTGAAGAACAGGAGAA  
 GAGAAAAGATGAGGAAATGCAGAATGTGCGCACCTCTCTGATTGCTGAACAGCAGACCAATTTTAACACA  
 GTCTTAACAAGAGAGAAAATGAGAAAAGAAAACATAATAAATGATCTTAGCGATAAGCTAAAAAGTACAA  
 TGCAGCAGCAAGAGCGGGATAAAGATTTGATAGAGTGCCTGTCTGAGGACCGAGCTCGTTTGTCTGAAGA  
 GAAGAAGAAGCTTGAAGAGGAAGTGAAGTAACTGCGCACCCAGCAGCGTCTTCCCTCAGCACCCGTGCTT  
 GCAGCCCCAGAGCTTTATGGCGCTTGTGCACCTGAGCTCCCAGGTGAGCCAGAGCGATCAGCCATGGAGA  
 CGACGGACGAGGGAAGAGTGGATTGAGCAATGGAGACTAGCATGATGTCTGTCCAAGAAAATATGCTATC  
 TGAAGAGAAGCAGAGGATCATGCTCCTAGAACGGACATTGCAATTGAAAGAAGAAGAAAACAAGAGGTTA  
 AATCAAAGATTGATGTCTCAGAGCTTGTCTCAGTATCTTCAAGGCATTCTGAAAAAATAGCCATTAGAG  
 ATTTTCAGGTGGGAGATTTGGTTCTCATCATCCTAGATGAGCGGCATGACAATTATGTGTTGTTTACTGT  
 TAGTCCTACTTTGATTTTCTGCATTGAGAGTCTCTTCTGCCCTGGATCTCAAACAGGTGAGGGAGCT  
 TCAGGTGTATCTAGAAGACCTGGGTCCTTGGAAAAGTAAATGAAAAGGAATACTGTCAAGCCAAAAAGG  
 CACAAAACAGATTTAAAGTTCCTTTGGGACAAAAGTTTACAGAGTGAAGCTGTGTCATGGAATAAGAA  
 AGTATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001107901

<b>Insert Size:</b>	4767 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_001107901.1, NP_001101371.1</u>
<b>RefSeq Size:</b>	7197 bp
<b>RefSeq ORF:</b>	4767 bp
<b>Locus ID:</b>	312927
<b>Cytogenetics:</b>	5q12