

## Product datasheet for **RN208235**

### **C2cd2 (NM\_199391) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C2cd2 (NM_199391) Rat Untagged Clone
Tag:	Tag Free
Symbol:	C2cd2
Synonyms:	RGD735112
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208235 representing NM\_199391  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGCTCGTGGCTCGGCGAGGTGCAGTGGCTCTTCTGGTGTGCTCTTCGTCGCGGCCCTGGGCACCG  
 TGGCCTGTACTTGGCGCAGTGGGCGCTGGCCAAGGCGGACCCCGCCCGGCGGGCGGAGCCGGA  
 TGAGCTAAGGCGCCAGGAGTCCGACACCCTCCTTCTGGATACTGACACGGGATAGCTGGGGAAACAG  
 TGGCTGGCTGCCTGGGTGACTGCCCTGAACTACGAGGCTGAAAGGAGTGGGGTCCACTGCGTCTCTCT  
 TCCAGAAGGACCCACGGCCACAGTCCTTCAACTGACAGTTGGGGAGGTATCCAGTGTGGTCAAGTCAGC  
 CCAGGAGAAGATGGTGTCTGTATGTGGTGGGCGAGAATCTTCAGTTCTTGGTCAAGTGCAGTTC  
 TCTACCACAGGCTCAGAGTCCAGCTATATGATGTCCAGCTTCCCCCTTTCATTTAAAGGTGCAGTTC  
 ACATGCAAGAGAAGAGAAGACATCCAGATCACATGGTCTTTACCTGTGCCCCAGAAACGCCATCAG  
 GATCCAGCCCCAGGCCAGGGGAGAAGCAGGTGCTGGAGGTAACGTGCTTTCTGAAGCCCTCAAGGAT  
 CTTTTCAAGCACCTAGTTAGTGTGCTCGCCATCTGTTTTCTGAGCACAAGCCCATGCAAGGCCAAGG  
 AAGCTCAGACTCTACAGTGTACTTCTCCACTGCTCAGGAACCCTGCCCTCCCAAACCTCCAAGGGCTCA  
 TGAATAAAATTCAGGTGAAGAATATCCGAGTTTCCCTGCTAAACCACCTGGTCTTCAGGCATTAGC  
 CATATGTGTGTGGCCAGCTGAACGAGCCTGCACAGCATTATCAGCACCTAGTGAGAAACACTACTG  
 ACCTCAGCTGGGAGGAGGAGTTCACCTTGAAGTGAATGCCAAATCCAAGGAGTGTCTCTGCAGATCTC  
 ACAGGAGGAGTGTCTGTGAAGTCTGATGGGATAGCAACCGTTCACCTGGACTTATTTAGGAAGCAG  
 CCTAATGGCCACAGACCTCAGACTGGTCAAGTGGGACAGAGCCTGAAAGCTCGGTGTTGGGCTCAGTCA  
 CTGCAGAGTTTTCGTATGTAGAACCTGGTGTCTGAAGTCTGGCCAGCTCCTCCCTCGTTTCTGCTAC  
 AAAGATAGAAAAGGACCGTACAGTGTATGCCATGTGGGACTGTGGTCAACCTGTCACTGCCGTGAAGACC  
 AAACCTCGCTTTGACACTGGGAGGGCATCCCCGTTGAGCTCAGAGTCCCCTGTGAGGACACCTATCAAAG  
 TGAAGTCAATGAAAAGGACATCTCTGTCCAGGCCATTTCTGTCACAGCGCCCCAGTCAGCAAGACACT  
 CTCCTCTCTGACACGGAAGTGTGGTACTGAACAGCTCAGATCTGTGGCTGAAGTTGCCATTCCGGCAG  
 CTCAGCGAGTCTCAAAGCTGAACTGAAGTCCCCACGGAAGAAAAGCACCATCATAATTCAGGGATCT  
 CCAAGACCTCACTATCTCAGGACCACAGTGTGCCCTCATGCTGAACTATGCAGTCTCTATGGACAGCAC  
 CAACCAGGAGAGGCCACTTCTGCTTTGTGCCATCCAGAGGCAACTGAAGCCTCTGCCACCACCCCACT  
 GAAGAAAATGAGCCAGCCCAAGCCCTACCAGTCTCGAGCCAGAGAGGATGATTTAGATTCTGGGACC  
 TGGAGAAGGAGTCTCCGGTAGCATCGTGGAGCGGTCCAGTCTTGCAGGATCCTGATGGGGACGAAGTGC  
 AGAGAGTCCCTGAGTACTTCAGAGCTAGGAGCCATCAAGAAGCATAAAGAAGGAATCCTAAGGAAAGGT  
 GCCAAGCTCTTCTCCGCGGCGACACCATCAGAAAGACCAAGCTTGAAGCAGTGCATAACGACCTGG  
 TATTCCTGCAGCAGCCAGAGGGGAGGCAGAAGAAAGGGGCGACCCTCAGCCGGCTCTGAACAGAAAGCT  
 GCTTACCAGGCACAGAGGCAAACACACCCTCAATGGACCACCCAGAGAGCCCTGCAT**ATAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_199391

**Insert Size:** 2091 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).

<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_199391.1, NP_955423.1</u>
<b>RefSeq Size:</b>	3814 bp
<b>RefSeq ORF:</b>	2091 bp
<b>Locus ID:</b>	304055
<b>Cytogenetics:</b>	11q12