

## Product datasheet for **RN216914**

### **C2cd6 (NM\_001024363) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C2cd6 (NM_001024363) Rat Untagged Clone
Tag:	Tag Free
Symbol:	C2cd6
Synonyms:	Als2cr11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN216914 representing NM\_001024363  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAGTTGCCTCCTCCGGGACACCGGAGGGTTCCATCAGTAACCTCAAGAGACATCGGGCAGGGTTC  
 CCACCACCCAGCCGATTTCCAGCCATCCATCTAATATCTTCTGTCTCCTCGAAGCGCTCCGTCCA  
 ATCTTCCGTCTATAGACCTTCCATCATGAGCAACCGCAGCTTGGGGACCCAGTCCCTGCTGCCGAACCCC  
 ATTATCCAGAAGAGCTCCCTCAACCCCCGGGTTTCTGCAGAGCAAACATCCAACGTCTCTTCAGTCC  
 GATATGCTGATGAAGAAGGAAAACCACTCACAGAGAAGGACAAGGACAAAGAGAAGGGCAAGGGCACAGG  
 AACTCGGCTGCTGAACATGCTAAGGAAAACCTTCAAGGGTCTCAGAGTGAATGGTGTAGCAAAT  
 CAAACACAGAATTTGATACCATTTGGAGATGTGGTGGGCTGTCTGGCGATTCATATAAGAGCTGTAGAC  
 AGTTTACTCAGCGTTTCATCGCCAACAGCATTTAATCTGTTTCATGCGTATCTCCGTAACCCACATTGT  
 GAAATGTACAAAATTCGTCACCTGAAAGCTGTTAATAACGAGAAGAACCTTGTACTTAAGTTTCGATGAG  
 GTGAAGTATTTTTCTGTACAGGTTCCAGACGTCAGATGATGAGCGGAATTATATTTACTTGGAACTAA  
 TGCAAGATGCAGGAGATTCAGAAAAGCTTCCTTATCCCTTAGGCAATGCCGAATCACATCTTTATGAAGT  
 AATACAGAAAAGGCTGTTTTACTGAAGTAATGCAGATGATGCGTAGAAAACCCCTATCTGCAGGGTGAA  
 GTGGAATTTATGTTCTCCTATGGAACCTTCGGTTATGGATTTTCACATCAGTTAAAACCTCTTCAGAAA  
 TCATTGAACCATCTATGTTTATGAAAATTACACCTCCTCCAGAGAGAACAGACCTGTCACAAATATTAT  
 TACCCCGCAACGAGTGGAATATCCAGCATTCTTATCCCCAGAATTAATGTTAACATTGGGGTCTGAA  
 ACCAGCCAGGCAACTGTGGTCAAACCTTGAAAACCTCCGAGAGAAGCCCGGAAAGATTGAAAGAATGA  
 AAGAGGAATATAAAGTATGAATACATGGATAGAAAAGCAGATTATTTAAGAAATCTTATTAATCCAAA  
 ACTGTTAAAAAAGACTCTAAGGGAAGTGTGAGCCGTCTGGATCAAATTCATGTATTAGAAAGACTT  
 GAAAGAACGACACATGATATTCATTACAGAAAATCTGAAGCTATTTCAAACGAGTTAGTGGATTACAGTG  
 ATAAGGAAGCGCGGTACATACCAGTTTTAAAGCTGTTGGACAAAATATTTCAGAGTTCTCTTTACCCAA  
 AAGTGGTGACTCAACACCGCCGGAAGATGTCACGCTGCCCCCATTCATACCCTGCAGATAATAGAAGAG  
 GATGAAATGCCACGTGTGCCAAACACTTCTGAACTAGAAGACAGGCCACATGAAGACAGGAAAAGTGTA  
 TTTTTTCATCGGATGAAGAACTAATGCCAAAACATCCAAGCATTTAAAAATAAACCCATCTCTACAAGA  
 GGTAAGTTGAGACGTTTACCCATAAATCCTGAGAGAATAAGGAGGAGGAATTTAGGTGTCTCTCCAACA  
 GAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001024363
- Insert Size:** 1686 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001024363.1](#), [NP\\_001019534.2](#)

**RefSeq Size:** 1910 bp

**RefSeq ORF:** 1686 bp

**Locus ID:** 501147

**Cytogenetics:** 9q31