

## Product datasheet for MC207756

### C2cd4b (NM\_001081314) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: C2cd4b (NM\_001081314) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: C2cd4b  
 Synonyms: 3300001A09Rik; Fam148b  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >MC207756 representing NM\_001081314  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAGCTTCTCGGTCGACTTCGCTCCTCCACTCCTGAGCCTGCCTTCTCCAACGTGCTCACCCGGGCC  
 GCATCCCAGAGTTCTGCATCCCCCGCGCTGCAGGTCCCCGGCGCTCTCGAATCACCCTTCCCGCTGC  
 CGACTGCCTTGGCGCTGCGCGCCGAACCGGACCTGTGGCCGCGCATCCCTGACGACCGGAAGACAGT  
 GACGAAGACTGCGCGGTGCGACCGACTGGGACCCGCGCTCCAGGCTGCGCTCTCGCTGCCGACCTGC  
 CCCGCGCGCACCGTTTACGGTTCTGCGCGCTGCTCGAGAGCCCGCACACGCGCCGGAAGGAGTTCGCT  
 TTCTCGGCCACCCCGCACCCAGGCTGGGACTTTGCCACCGTGGCGACACCTACGCGAGTCCGCGC  
 CGAGCATCGGACTCTGAGCTCGGCGCCCGCGGACCTGGACAAAACCCACCAGCCGCTCCAGTGCCCC  
 GTATGCGCCGCTCTCCGCGCCCCGATGGTCTGTTGAGCCGCGCGCTGCGGGCTCCCCGCGCCGGGC  
 CAGCGCGCCCCGCGCCCCGCGGCGACGAGCAGAGCGCGCGCTTCTGCGCGCCCCGGTCCCCAGC  
 AGCCCGGATCCCAGCGCCTGCAAGCTGAAGCCAGCGTGGCTCTGGGCCGCGGGGTGCACGCTGCGCC  
 TGGCGCCGAGTACTGTCCGCGCAGCGCTGCCCTCCGCTGCTGCGCGCTGAGGGCCCGGGCC  
 CGCGCTGGAGCCCCGCGCCCTGGGCTGCCGCTCAGCCTGGTGTGAGGCCGTCGGCCAGCAGCGCGCC  
 AGTGTGGTCCGCGCAGCCGCAAGGCCGCGCTGGACCAGGACTGCTGCTTCGATCGGCTCCCGGAGGAGC  
 AGCTGCGCCGCTGGCCGTGCGCATCAAGGCGGAGAGCAAGGGCCGCGGGCTGGAGCGGGACGACCGCT  
 GGGCCAGGGCGAGCTGCTGCTGGGCTCTGCTACTGCTATGA

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001081314



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**Insert Size:** 1023 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**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\\_001081314.2](#), [NP\\_001074783.1](#)

**RefSeq Size:** 1348 bp

**RefSeq ORF:** 1023 bp

**Locus ID:** 75697

**Cytogenetics:** 9 C