

Product datasheet for **RN201083**

Pccb (NM_017030) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pccb (NM_017030) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pccb
Synonyms:	MGC93516
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201083 representing NM_017030
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGGCGGATTTCGATTTCGGCGATGGCAGCTGGAACGAGGCTCAGAGTTCTGAAGTCCGGCCTCC
 GCACCACAATCCGAGCCTTTGCAGCCAGCCGGTCTCAGTTAACGAGCGCATCGAAAACAAGCGCCATGC
 CCGCTGCTGGGAGGAGCCAGCGACGCATCGACGCACAGCACAAAGCGAGGAAAGCTGACAGCCAGGGAG
 CGGATCAGTCTCCTGCTGGATCCTGGCAGCTTCGTGGAGAGTGACATGTTTGTGGAACACAGGTGTGCCG
 ACTTCGGAATGGCTGCCGAGAAGAATAAGTTTCTGGAGATAGTGTGGTCACTGGACGGGCAGAATCAA
 TGGACGATTGGTTATGTCTTCAGTCAGGATTTTACAGTTTTTGGAGGCAGTCTGTCAGGCGCACATGCT
 CAGAAGATCTGAAAATCATGGACCAGGCCATAACAGTGGGGCTCCAGTGATCGGACTCAATGACTCCG
 GGGGCCCAGAATCCAGGAGGGGTGGAGTCTTGGCTGGCTATGCAGACATCTTCTGAGGAATGTCAC
 AGCGTCCGGAGTCATCCCTCAGATTTCTCTGATCATGGGCCATCGCTGGTGGGGCCGCTACTCCCC
 GCCTGACAGACTTCACATTCATGGTGAAGGACACGTCCTACCTGTTTACTGACCCTGAAGTTGTGA
 AGTCTGTTACCAATGAAGACGTGACTCAGGAGCAGCTGGGTGGTCCAAAGACCCACACCCTGTGTCAGG
 TGTGGCCACAGAGCTTTCGACAATGACGTCGATGCTCTGTGTAACCTGCGTGAATCTTCAACTTCTG
 CCCCTCAGCAACCAGGACCCGGCTCCCATCCGAGAGTGCCATGACCCAGTGACCGTCTGGTTCTGAGC
 TGGATACAGTTGTCCTTTGGAGTCAAGCAAAGCCTATAACATGCTAGACATCATAACATGCAAGTATTGA
 CGAGAGAGAGTTTTTTGAGATAATGCCAATTATGCAAAAACATTGTCATTGGCTTTGCAAGAATGAAT
 GGGAGGACCGTTGGAATTGTTGGCAACCAGCCAAAGTGGCTTCAGGGTGCCTGGACATTAATTCATCTG
 TGAAGGGGCTCGCTTTGTCAGATTCTGTGATGCTTTGAGCATTCTCTCATCACTTTCTGTTGATGTC
 TGGCTTCTGCTGGCACAGCGCAGGAATATGGAGGCATCATCCGGCATGGTGCCAAGCTGCTCTACGCC
 TTTGCCGAGGCCACCGTGCCTCAAAATCACGGTCATCACCAGGAAGGCCTATGGAGGTGCCTATGATGTCA
 TGAGCTCCAAACACCTTCTTGGTATACCAACTATGCCTGGCCACAGCTGAGATTGCAGTCATGGGTGC
 AAAGGGTGCCTGGAGATCATCTTCAAAGGACACCAAGACGTGGAAGCCGCCAGGCAGAGTATGTGGAA
 AAGTTTGCCAATCCTTCCCTGCAGCCGTGAGAGGGTTCGTGGATGACATCATCCAGCCGCTCTACTC
 GTGCTCGGATATGCTGTGACCTGGAAGTCTGGCCAGCAAGAAGGTCCATCGCTTGGAGGAAGCATGC
 CAATGTCCCACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_017030
- Insert Size:** 1626 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_017030.2](#), [NP_058726.2](#)

RefSeq Size: 1833 bp

RefSeq ORF: 1626 bp

Locus ID: 24624

Cytogenetics: 8q31

Gene Summary: beta subunit of propionyl coenzyme A, which catalyzes the conversion of ATP, propanoyl-CoA, and HCO₃⁻ to ADP, phosphate, and (S)-methylmalonyl-CoA [RGD, Feb 2006]