

## Product datasheet for **RN205851**

### **Pcca (NM\_019330) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcca (NM_019330) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcca
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN205851 representing NM\_019330  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGGCTGTGGTTCAGGACAGTGGCACTATTGGCGGCCAGGCGGCATTGGCGGGCTCTCCAGC  
 AACTGCTGTGGACGCTGAAGCGTCTCCAGTCTATTCACAGCAATGCCTAGTGGTGTCCCGAAGTCTCAG  
 TTCTGTGGAATATGAGCCTAAAGAAAAACTTTTGATAAAATTCTTATTGCTAACAGAGGAGAAATTGCT  
 TGTAGGGTCATTAAGACTTGCAGGAAGATGGGCATCAGGACAGTTGCCATCCACAGTGATGTTGATGCCA  
 GCTCGGTTTCATGTGAAAATGGCGGATGAGGCTGTCTGTGTTGGCCAGCTCCCACCAGTAAAAGCTACCT  
 CAACATGGATGCCATCATGGAGGCCATTAAGAAAACCGGGGCCAAGCTGTACACCCAGTTATGGATTC  
 CTGTCCAGAAAACAAGAGTTTGCAAAGTGTGGCAGCAGAAGATGTCACCTTTCATTGGACCTGATACTC  
 ATGCTATTCAAGCCATGGGTGACAAGATAGAAAGCAAAGTGTAGCCAAGAGAGCAAAGGTCAACACAAT  
 CCCTGGTTTTGATGGGGTACTAAAGGATGCAGATGAAGCCGTCAGAATTGCAAGGGAAATTGGCTACCCT  
 GTGATGATCAAGGCCTCAGCAGGCGGTGGTGGGAAAGGCATGCGCATCCCGTGGGATGACGAAGAGACCA  
 GGGATGGCTTTAGATTTTCATCCAGGAAGCTGCTTCTAGTTTTGGTGATGATAGACTACTAATAGAAAA  
 ATTTATCGATAACCTCGTCATATAGAAATCCAGGTTTTAGGGGATAAACATGGCAATGCCTGTGGCTC  
 AATGAGAGGGAGTGCTCGATCCAGAGAAGAAACCAGAAGTGGTAGAGGAGGCGCCGAGCATTTCCTG  
 ATCCTGAGACGCGCCGAGCCATGGGAGAGCAGGCGGTGGCTGGCCAAAAGCGGTGAAGTATTCTTCTGC  
 TGGAAGTGTGGAATTTCTGTGGACTCCCAGAAGAATTTTACTTCTGGAGATGAATACAAGACTCCAG  
 GTTGAACATCCTGTACAGAGTGCATTACTGGCCTGGACTTAGTCCAAGAAATGATCCTGGTTGCTAAGG  
 GTTACCACCTCAGGCACAAGCAAGAGGATATCCCATCAGTGGCTGGGAGTGAATGTCGGGTTTTATGC  
 TGAGGACCCCTACAAGTCTTTCCGTTTTACCGTCTATTGGGAGACTGTCTCAGTACCAAGAGCCTATACAT  
 CTACCTGGTGTCCGAGTTGACAGTGGCATCCAACCAGGAAGTGCATCAGCATCTATTATGACCCATGA  
 TTTCAAACACTAGTCACATATGGATCTGACAGAGCAGAAGCCCTGAAGAGGATGGAAGATGCATTGGACAG  
 TTATGTTATCCGGGTGTTACACACAACATCCCCTGCTTCGGGAGGTGATAATCAACACGCGTTTTGTG  
 AAAGGGGACATCAGCACTAAGTTTCTCTGATGTGTATCCTGATGGCTTCAAAGGGCACATGTTAACAC  
 CCAGTGAGAGAGACCAGTTATTGGCTATTGCATCATCCTTGTGTTGGCATCCCAGCTACGAGCACAGCG  
 CTTTCAAGAACATTCAAGAGTTCAGTTATAAGGCCAGATGTGGCTAAGTGGGAGCTCTCAGTAAATTA  
 CATGATGAAGACCATACTGTTGTGGCATCCAACAACGGGCCAACATTTAACGTGGAAGTTGATGGCTCGA  
 AACTAAATGTGACCAGTACGTGGAACCTGGCCTCACCTTATTGTCTGTCAACGTTGATGGCACTCAGAG  
 GACTGTGCAGTGTCTTCTCGGGACGCAGGTGGAACATGAGCATCCAGTTTCTTGGCACAGTGTACAAA  
 GTGCACATTTTAAACAACTTGCTGCAGAACTGAACAAATTCATGCTTAAAAAGTACCCAAGGACACTA  
 GCAGCACTCTGTGCTCCCGATGCCTGGAGTGGTGGTGGCCGTTCCGTCAAGCCTGGAGACATGGTAGC  
 AGAAGGTCAAGAAATCTGTGTGATTGAAGCTATGAAAATGCAGAACAGTATGACAGCTGGTAAAAATGGGC  
 AAGGTGAAACTGGTGCAGTGCAGGCTGGAGACACAGTTGGTGAAGGAGACCTGCTCGTGGAGCTGGAAT  
 GA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_019330

**Insert Size:** 2172 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><a href="#">NM_019330.1</a></u> , <u><a href="#">NP_062203.1</a></u>
<b>RefSeq Size:</b>	2495 bp
<b>RefSeq ORF:</b>	2172 bp
<b>Locus ID:</b>	687008
<b>UniProt ID:</b>	<u><a href="#">P14882</a></u>
<b>Cytogenetics:</b>	15q25
<b>Gene Summary:</b>	alpha subunit of propionyl coenzyme A carboxylase, which catalyzes the conversion of ATP, propanoyl-CoA, and HCO <sub>3</sub> <sup>-</sup> to ADP, phosphate, and (S)-methylmalonyl-CoA [RGD, Feb 2006]