

## Product datasheet for **SC201539**

### **PCCB (NM\_000532) Human 3' UTR Clone**

#### **Product data:**

**Product Type:** 3' UTR Clones  
**Product Name:** PCCB (NM\_000532) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PCCB  
**ACCN:** NM\_000532  
**Insert Size:** 173 bp

**Insert Sequence:** >SC201539 3'UTR clone of NM\_000532  
The sequence shown below is from the reference sequence of NM\_000532. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGGAGAAAACATGCAAATATTCCATTGTAAACAAATCAAAGGAAAAGAAACCAAGAAGTGAATTACTGT
CTGCCATTACATCCCATTCTGCCTTTGCAATCATGAAACCTGGGAATCCAAATAGTTGGATAACT
TAGAATAACTAAGTTTATAAATTCTAGAAAGATC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_000532.5](#)



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**Summary:**

The protein encoded by this gene is a subunit of the propionyl-CoA carboxylase (PCC) enzyme, which is involved in the catabolism of propionyl-CoA. PCC is a mitochondrial enzyme that probably acts as a dodecamer of six alpha subunits and six beta subunits. This gene encodes the beta subunit of PCC. Defects in this gene are a cause of propionic acidemia type II (PA-2). Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, May 2010]

**Locus ID:**

5096

**MW:**

6.8