

## Product datasheet for **SC203823**

### PCCA (NM\_000282) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PCCA (NM\_000282) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PCCA  
**ACCN:** NM\_000282  
**Insert Size:** 299 bp

**Insert Sequence:** >SC203823 3'UTR clone of NM\_000282  
The sequence shown below is from the reference sequence of NM\_000282. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAAGGGGATCTGCTCGTGGAGCTGGAATGAGGATTTATAACCTTTCAGTCATCACCCAATTTAATTAG
CCATTTGCATGATGCTTTACACACAATTGATTCAAGCATTATACAGGAACACCCCTGTGCAGCTACGT
TTACGTCGTCATTATTCCACAGAGTCAAGACCAATATTCTGCCAAAAATCACCAATGGAAATTTCA
TTGATATAAATACTTGTACATATGATTTGACTTCTGCTGTGAGATTCCTAGTGTCAAAATTAATCA
ATAAACTGAGCATTGTCTAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-MluI

**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\\_000282.4](#)



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**Summary:** The protein encoded by this gene is the alpha subunit of the heterodimeric mitochondrial enzyme Propionyl-CoA carboxylase. PCCA encodes the biotin-binding region of this enzyme. Mutations in either PCCA or PCCB (encoding the beta subunit) lead to an enzyme deficiency resulting in propionic acidemia. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, May 2010]

**Locus ID:** 5095

**MW:** 11.7