

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
Symbol:	PCCB
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000532
Insert Size:	173 bp
Insert Sequence:	<p>>SC201539 3'UTR clone of NM_000532</p> <p>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.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC TGGAGAAAACATGCAAATATTCCATTGTAACAAATCAAAGGAAAAGAAACCAAGAACTGAATTACTGT CTGCCCATTACATCCCATTCTGCCTTTTGAATCATGAAACCTGGGAATCCAAATAGTTGGATAACT TAGAATAACTAAGTTTATTAAATTCTAGAAAGATC ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	SgfI-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:	<u>NM_000532.5</u>


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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