

## Product datasheet for **SC206600**

### PPCS (NM\_001077447) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PPCS (NM_001077447) Human 3' UTR Clone
Symbol:	PPCS
Synonyms:	CMD2C
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001077447
Insert Size:	1340 bp



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<b>Insert Sequence:</b>	<p>&gt;SC206600 3'UTR clone of NM_001077447          The sequence shown below is from the reference sequence of NM_001077447. The complete sequence of this clone may contain minor differences, such as SNPs.  <span style="color: blue;">Blue</span>=Stop Codon <span style="color: red;">Red</span>=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CACACAGCTTTTATAGGTGACAGAAAC<span style="color: blue;">TGA</span>AGTAAAAAGCCCTTATAGGATCAAAAATTGTTTCAGGGCT CTTAGAGATGGTAAAACTACAAAAAAACCATGGCTTTCATATGGACAGATAAAATGAAAGAAAGGGA AAAGGCAGTGGTGTAGGCAAATATGGTTGGCATTGTCTTTAATGACACCTGATATGATGTCATT TTGATTTTGAATTGAACACTAGAACTGTTAATCACCTTTAAAAAGAAGAGCTTATTGGGAATTATATA TTCCTTAAAAATACATGGGGCCTGAATGTCAGCCATCTTTATACTATAGAAAAAGGATTATGGATGC ATGAATGGTCATGCTTTGGAGATCAAATATTGGTTGAATGCCTATGTATGTCAGGCCCTGTGCTGAGCC ATGAGGATTAAGATGAATAACATATCTTGTTTAGGAAATGGATGTATAAAAAATCAAGTGAAT AAAGTGTGTGCCAAAAGCTGACACAATGGAAAGGATGTTTTGTTTGTGAAATTTATCAAATATAG TAGTAGGAAAGAAGGATACCTCCCTGAAGATAGATTGTAGAATGGTGAGCTTTTACTGCATTTACTTT TTGCTTCTTATTGTAGATTCACCTCATGTTGGGTAATAGTTTACATTTCAAGTATTTTAGGACTGCTT TTCAGTTTAACTTAATATGTCCTTCCACCTGGGACCAGGCAGGGGCCACTTGGTGATCTCTGTCCTGAG GGATGCATTACAGTGTGGTAGAGTATGGGCTAGAAGTCAACTTAGCCAGCTGTGCCACCTATTAGCTTT ATAAACTTAGGCATTTGACTTAATCTCAGTGTCCACATGCATAAAATGAGGATAATCTCTGCAAAAGT AATGCCATTTATTGTGAGGATCAAATGAAATAGCAAAAAGAAAGCATCAGTCTGGTGCCTAGCATTGTA TTCACACTCACTAAATGGTTGCAATTATTGTTTTCTCACTTAGCAAAGCAGTGTACACCCTGCCCT GCTTAATCTTTGAATCCTTGAGAATCTTTGAAAACTTTCAATACTTCTTTGCTGCTACGTTTTGG GTTTGGAGTGACAAGTAGCATAGTGCAAAAAAATCCCTAAATGATCTGTAGGATAGTCCAGGTGCAA TTTGAAAAATTAGCATTGATGACTAAGGTAGAAGCAGGACTGTGTTTACATAAATATTTGACTTAAA ATACAATTCATGGTGTTCATGGAGTAGGGAAGGGTAGCCCTGTGTCTGTGATAATAGAAGTACAA TAAATTTAATTGAGAAGATTTGACAGAAA <span style="color: red;">ACGCGT</span>AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCACCGCCGCTTCTATGAAAGG         </pre>
<b>Restriction Sites:</b>	SgfI-MluI
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001077447.3</a>
<b>Summary:</b>	Biosynthesis of coenzyme A (CoA) from pantothenic acid (vitamin B5) is an essential universal pathway in prokaryotes and eukaryotes. PPCS (EC 6.3.2.5), one of the last enzymes in this pathway, converts phosphopantothenate to phosphopantothenoylecysteine (Daugherty et al., 2002 [PubMed 11923312]).[supplied by OMIM, Mar 2008]
<b>Locus ID:</b>	79717
<b>MW:</b>	51.7