

Product datasheet for **SC205380**

PCYT1A (NM_005017) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PCYT1A (NM_005017) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PCYT1A
Synonyms:	CCTA; CCTalpha; CT; CTA; CTPCT; PCYT1; SMDCRD
ACCN:	NM_005017
Insert Size:	2000 bp



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Insert Sequence: >SC205380 3'UTR clone of NM_005017
 The sequence shown below is from the reference sequence of NM_005017. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TATGATATCAGTGAGGATGAAGAAGACTAATGTTTCCTCCCTCCTTTCTGTCTCCCTTTCTGTCCCA
TTACCTTCAGAAGCTCTCTGTTGAATTCAAAATTGTGACCCCAACACTAAACCTAAGGACAGCTACAAA
GGAAAGACAACCTGGGAAAGAAGACCTAGGACTGGGGAAACCAACAGCCTGTCCTGCAAGTGACATC
ACTCACCCACACGAAGGAGGGGACTGCACCTTAGAAGCCTGCTCTGCATCCATTTACCCCCCAAG
GGCTTTGTTTCACTGTTTATGTTACGTGATCTCAACAGGAAATTGTCATTTTTCATTAATTTTTTAAA
AAATTCGTCTTTCAAATGTAGAATAATTTTTGCCCCTGAGGAGTGGCAGAAGAAGGAGGTAGTGTA
ATACGCAGAGGCCTTTTCTCCCGGTACTATAGCATTTGCCTCCGTTCTGAAGCTATGTGGCTTGC
CAAGTCCTTCACGAAATGAGCCACGCTGATGGTAATTTGTGGAGAAATATCTTAATTTTGATTTCTT
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GGCTGCGGGAAGGAGATCTGAACCTAATTTTCTTACTCCCTGAGGAGTTTCTTGTGGACCAATGGG
GTCCATGAAGACACTGATGGGATGGAAGCAGACCCATGGCATCAACTGCAGTGTCTGTGTGTTCAT
TCTTCTCAGAAAACCTCTGTGACCCAGTTCTTTGGGAGCTTTTGTGAGTCTCTTTCGTGCCATCTACCTT
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AGTCGATTGAGATTAGTTTCTACTGGGAGTAAGTGCCTGGCCCTGCTACTCCTATTTGAATGCTATTA
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TGCTCATAGCCATATTAGAGAGATTTGCACAGAATGTAAGGCAAAAAGCATAGGAAACACCTTCCCTTTC
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AGAGCATACCCTCACGTGACAAGAGTGTGGTAGGTTTTCTCCCACTTTTACACACGCCTGGTGGTTG
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TGCTTAGCACTTGCTGTTGAGCATGCTCTAACTTTAAAGCCCTGGCCTCCTGTCTCCTTAGCTGCTTA
GCTACGCGCCTAGCAGATCATCCCCATCAGTAATCCTGTGGCTAGATCCAGGGGAAAATTGCTTATG
TCCAGGCCCCACCCTGTACTCATAAATACCCTTGTGGGGTGAATTTTAGTGTTCAGCTAAGA
AAACCACATTTTCTTTCTTCTGCTTAGGACTGTGAGCATCTCATAGTCCACTCCCTAAACT
TTCTGGTAAACACCTAGTTTTCCGCTGAGGGTCAGAGGCTAGAATCATTGCCTGCACAGCAGGACTACC
TTGGTTCTTAAAACCTGGATCACCCAGGCAAGGCGTGGTGGCTCACGCCTGTCATCTCAGCACTTTGGG
AGACTGAGGCTGGTGGATCACTTGAGGCCACGAGTTTGAGACCAGCCTGACCAACGTGGTGAACCCCA
TCTCTACTAAAAATACAAAATTAGCCAGGCGTGGTGGTGGGCACCTGTAATCCCAGCTACTTGGGAGG
CTGAGGCAGGAGAATCCCTTGAACCCAGGAGCGGAGGTTGCAGTGAGCAGAGATGGTGCCGCTGCAG
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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: [NM_005017.4](#)

Summary: This gene belongs to the cytidyltransferase family and is involved in the regulation of phosphatidylcholine biosynthesis. Mutations in this gene are associated with spondylometaphyseal dysplasia with cone-rod dystrophy. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Aug 2015]

Locus ID: 5130

MW: 75.8