

Product datasheet for **SC112933**

PCTP (NM_021213) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PCTP (NM_021213) Human Untagged Clone
Tag:	Tag Free
Symbol:	PCTP
Synonyms:	PC-TP; STARD2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_021213, the custom clone sequence may differ by one or more nucleotides

ATGGAGCTGGCCGCCGAAGCTTCTCGGAGGAGCAGTTCTGGGAGGCCTGCGCCGAGCTCCAGCAGCCCG
 CTCTGGCCGGGGCCGACTGGCAGCTCCTAGTGGAGACCTCGGGCATCAGCATCTACCGGTGCTGGACAA
 GAAGACTGGACTTTATGAGTATAAAGTCTTTGGTGTCTGGAGGACTGCTCACCAACTCTACTGGCAGAC
 ATCTATATGGACTCAGATTACAGAAAACAATGGGACCAGTATGTTAAAGAACTCTATGAACAAGAATGCA
 ACGGAGAGACTGTGGTCTACTGGGAAGTGAAGTACCCTTTTCCCATGTCCAACAGAGACTATGTCTACCT
 TCGGCAGCGCGAGACCTGGACATGGAAGGGAGGAAGATCCATGTGATCCTGGCCCGGAGCACCTCCATG
 CCTCAGCTTGGCGAGAGGTCTGGGGTGATCCGGGTGAAGCAATACAAGCAGAGCCTGGCGATCGAGAGTG
 ACGGCAAGAAGGGGAGCAAAGTTTTTCATGTATTACTTCGATAACCCGGGTGGCCAAATTCGGTCTGGCT
 CATTAACTGGGCCGCCAAGAATGGAGTTCCTAACTTCTTGAAAGACATGGCAAGAGCCTGTGAGAACTAC
 CTCAAGAAAACCTAA


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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_021213 unedited
 ACGATTGTATACGACTACTATAGGGCGGCCGCGATTTCGGCACGAGGCCGCGCCTGCC
 TCCAGGCGGAGGAGCCCGGACTGCGGAAGGATGGAGCTGGCCGCCGAAGCTTCTCGGAG
 GAGCAGTTCTGGGAGGCTGCGCCGAGCTCCAGCAGCCCGCTCTGGCCGGGGCCGACTGG
 CAGCTCCTAGTGGAGACCTCGGGCATCAGCATCTACCGGTGCTGGACAAGAAGACTGGA
 CTTTATGAGTATAAAGTCTTTGGTGTCTGGAGGACTGCTCACCACCTCTACTGGCAGAC
 ATCTATATGGACTCAGATTACAGAAAACAATGGGACCAGTATGTTAAAGAAGCTCTATGAA
 CAAGAATGCAACGAGAGACTGTGGTCTACTGGGAAGTGAAGTACCCTTTTCCCATGTCC
 AACAGAGACTATGTCTACCTTCGGCAGCGCGAGACCTGGACATGGAAGGAGGAAGATC
 CATGTGATCCTGGCCCGGAGCACCTCCATGCCTCAGCTTGGCGAGAGGTCTGGGGTGATC
 CGGGTGAAGCAATACAAGCAGAGCCTGGCGATTGAGAGTGACGGCAAGAAGGGGAGCAAA
 GTTTTCATGTATTACTTCGATAACCCGGGTGGCCAAATTCGTCCTGGCTCATTAACTGG
 GCCGCCAAGGGAGGGAAGTGCAGTGGTAGTTTGTATCACTAGAGACTGCCAGGAGCCTG
 GCATTATGGGGACCATCAGCCTGCTTTGCACAAGATCTACTACTAGAGAGCTCAACAGAT
 TCCTTGGGAGAGTGAAAAGCACATCAACTNTGGAGTCAAACAGACGCAAATTCATCCTG
 GCTCTGCTGCTGACTGTCTTGGNTTATTTAAGGAAGCCATGCATTCTTNCNTTNTAAAAT
 GAGATAGTTGTCTTCTCTGCATAGAGGGGGAGTAATAGACATATNTAGGAAN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_021213 unedited
 ATCTATGGCCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAAAAACCACTTTTTTTTATTCTTTATAAAACA
 CCCTTTTTTTTCCAAAAAACAACGCGTGGGGTTTCCACATTAAAAACCCCAT
 TCGGGGGCTTTACACCCGAATTTTCGGTTATTAACCAGGGGTGAGTTTCTTTATCCCGG
 GGATAAAATTTTTCCCTGAAATAATAAGGGGGGGCCTTTGACAAAAAACCCCTTCCC
 CTCCCAATTTTCGGGAAAAAGCTTAAAAAACTAAAGGTTTTTTGGGGGGGAAAAAGGCA
 AACACCTTAGGCAAAATTCGGAAAAAGGGGGCAGAGCCCTTAACCCCCAGTTAAATT
 TTCCCGGGGGGGGACCGGCACCCCTTCTACATTCAATAATACCGGGGGGGAAATTCT
 TTTTATGGCCAAAAAGACCTTTTCCAGGGCTTTGCCAAAGACTTTTTGTTTTTGCCA
 GCGGCCAACCCTTTTTCCCGCTGTGTGCGCCGAAAAGGCAATCCTTGAGAGGGCCGGG
 CCCGCTTGCCCATGGCATTGCAAAACAAACCCCTCCGCTCTCCCTCTCGGGGTGCG
 TGAGGAAAAATGGGGCTATCATTTTATCGGCCTCGCGCTGGCACCGTCGGACCTAGTG
 TCTGAGGGGCTTGGGCTATGTGAAACCGCGCTCGGCTCGCCTCCATCGTGGGCTCAGA
 GGAAAAACGCTCGCGGGCGTTTCGCGCGGCTGGGCCCTGGCGTCCGGCGCGCGCGCGCG
 GACCTCCCGCGTCCGCGCGGCTCCCGCGGTATACCCCGCCACGTGGGCGCGCTCGAC
 ANCGTCCGTTTGTGTACGACCGCGTCTCACGCGCGTGTGTGTGCCGCTCGCTGGACG
 NAACCTCGCTCNACGCGTGTATGCTCCGTGTGTGGTGCCTATCG

Restriction Sites:

NotI-NotI

ACCN:

NM_021213

Insert Size:

2720 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_021213.1, NP_067036.1</u>
RefSeq Size:	1932 bp
RefSeq ORF:	645 bp
Locus ID:	58488
UniProt ID:	<u>Q9UKL6</u>
Cytogenetics:	17q22
Domains:	START
Gene Summary:	Catalyzes the transfer of phosphatidylcholine between membranes. Binds a single lipid molecule.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).