

Product datasheet for MC201009

Pcyt1a (NM_009981) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pcyt1a (NM_009981) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pcyt1a
Synonyms: Cctalpha; CTalpha; Ctpct; Ctalpha
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC018313 sequence for NM_009981
 GAAGATGGATGCACAGATTCAGCTAAAGTCAATTCGAGGAAGAGGAGAAAGAGGCACCTGGCCCTAAT
 GGAGCAACAGAGGAAGATGGAATTCCTTCCAAAGTGCAGCGTTGCGCAGTTGGTTTACGGCAGCCAGCTC
 CTTTTCTGATGAAATTGAAGTTGACTTTAGTAAGCCCTATGTCAGGGTGACTATGGAAGAAGCCTGCAG
 GGAACCTCCGTGTGAGCGCCTGTGAGAGTTTATGCGGATGGAATATTTGACTTGTTCCTCTGGTCAT
 GCCCGGGCTCTGATGCAAGCAAAGAACCTTTCCCTAATACGTATCTAATTGTGGGAGTCTGCAGTGATG
 AGCTAACGCACAACCTCAAGGGCTTCACTGTGATGAACGAGAATGAGCGCTATGACGCCGTGCAGCACTG
 CCGCTACGTGGACGAGGTGGTGCAGAACCCCCCTGGACTCTGACGCCTGAGTTCCTGGCAGAGCACCGG
 ATTGATTTTGTGCCCCATGACGACATCCCCTATTCTTCTGACGGGAGCGATGATGTGATAAGCACATCA
 AGGACGCAGGCATGTTTGTCTCCACACAGAGGACAGAAGGTATCTCCACATCAGACATCATACCCGCAT
 TGTCGGTACTATGATGTGTATGCAAGACGGAACCTACAGAGGGCTACACTGCCAAGGAGCTCAATGTC
 AGCTTTATCAACGAGAAGAAATACCACTTGCAAGAACGAGTTGATAAAGTAAAGAAGAAAGTGAAGATG
 TGGAGGAAAAGTCAAAGAGTTTGTGCAGAAGGTGGAAGAGAAGAGCATCGACCTCATCCAGAAGTGGGA
 GGAGAAGTCCCGAGAGTTCATTGGAAGTTTCTGGAAATGTTTGGTCCAGAAGGAGCACTGAAGCACATG
 CTGAAGGAGGGAAAAGGTCGGATGCTGCAGGCCATCAGTCCCAAGCAGAGCCCCAGCAGCAGCCCTACTC
 ATGAGCGCTCCCCCTCCCCCTCTTTCGGTGGCCCTTCTCTGGCAAGACTTCCCCATCTTCTCCCCAGC
 AAGTCTTCTAGGTGCAGGGCTGTGACCTGTGACATCAGCGAGGATGAAGAGGACTAACTTTTCATCCCT
 GTTCCCTCTCTCCCCACTGCCATCACCTCCAGAAGCTCTGTGCGAATTCATTTTGTGATCCCAACA
 CTAACCTAAGGACATCTACAAAGAAAAGACAACCGGGCAAGAGGACCTGGGAATGGGGAACCAAAAACA
 GCCCATGCCCTGAGACATTTCTCAGCCACACCAAGGAGGCTGCCATACCTTAGAAGCCTGCTCTGCATCC
 ATCTTCCCTCCCCAGAACTTTGCTTTACTGTTTATGCTCATGTAATCTTGACAGGAAAATTGTCATTTTT
 ATCAATTTTTTTTTAAAAGTAGTCTTTCAAATATAGTAAGTAGAACTAATTTTTTGGCCCTGAGGAGTGG
 GCAGAAGAAGGAAGCGTGAATGCCAGAGGCCTTTTTCTGAACACTAGTGCTTGCCCTCTGTTCTGA
 AGCAAAGTGGCTTGCCAGATCCTTCAAACAGGGAGCCATGCTAATGGCCAATTTGGGGACTATCATAATT
 TTAACCTCCCTAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_009981
Insert Size:	1104 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:	<ol style="list-style-type: none"> 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:	BC018313 , AAH18313
RefSeq Size:	1636 bp
RefSeq ORF:	1104 bp
Locus ID:	13026
UniProt ID:	P49586
Cytogenetics:	16 22.69 cM
Gene Summary:	<p>Controls phosphatidylcholine synthesis.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. All three variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>