

Product datasheet for **MG205690**

Pcyt1b (BC048917) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcyt1b (BC048917) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Pcyt1b
Synonyms:	AW045697; CTTbeta
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205690 representing BC048917 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCAGTACTTACCACTGATGCTGAGTCAGAAACAGGTATCCAAAATCCCTTTCCAATGAGCCTCCCT
CAGAAACCATGGAGGAAATAGAGCACACATGCCACAGCCTCGACTGACCCTGACTGCACCAGCCCCATT
TGCTGATGAATCCAGCTGCCAGTGCCAAGCACCTCATGAAAACTGACCGTTGCCAGGCCCGCTTAGGA
ACACCAGTTGATAGGCCGTTAGAGTGTATGCAGATGGAATATTTGACCTCTTCCACTCAGGTACAGCAA
GGGCATTATGCAAGCAAAAACACTGTTTCCCAACAGCTACTTGTGGTAGGAGTTTGCAGTGATGACCT
TACTCACAAATCAAAGTTTTACTGTGATGAACGAGGCAGAGAGATATGAAGCTCTCAGACACTGTCTGA
TACGTGGATGAAGTCATCAGAGACGCGCCATGGACTCTTACTCCAGAGTTTCTGGAAAAACAAGATTG
ACTTTGTGGCTCACGATGATATCCATACTCTCTGCTGGTTCTGATGACGTTTATAAGCATATCAAGGA
AGCAGGCATGTTTGTCCAACACAAGAAGCAGAAGGCATCTCAACATCAGACATCATCACCAGAATTGTC
CGTGACTATGATGATATGCCCGCGTAATCTCCAGAGAGGGTACACAGCCAAGGAGCTGAACGTCAGCT
TTATAAACGAGAAGAAGTACCGTTTCCAGAACCAGGTGGACAAGATGAAAGAAAAGGTCAAGAATGTGGA
AGAAAGATCAAAGGAGTTTGTAAACAGAGTAGAAGAAAAGAGTCATGACCTAATTCAAAAGTGGGAAGAA
AAATCAAGAGAGTTTATTGGCACTTCTGGAAGTGTGGCCAGATGGTGCATGGAAGCAGATGTTCC
AGGAGAGGAGTAGCCGGATGCTGCAGGCATTATCTCCGAAGCAGAGTCTGTGAGCAGCCCGACCCGGAG
CCGGTCCCCTTCTCGCTCTCCATCTCTACCTTCTCTGGCTCCCAACAAGACCTCTCCCCCTCTCA
CCCAAAGCAGCCTCAGCTCCATCAGCAGCATGAGCGAGGGGGATGAGGATGAGAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG205690 representing BC048917
 Red=Cloning site Green=Tags(s)

MPVLTTDAESETGIPKSLSNPEPPSETMEEIEHTCPQPRLLTAPAPFADESSCQCQAPHEKLTVAQARLG
 TPVDRPVRVYADGIFDLFHSGHARALMQAKTLFPNSYLLVGVCSDDLTHKFKGFTVMNEAERYEALRHCR
 YVDEVIRDAPWLTPEFLEKHKIDFVAHDDIPYSSAGSDDVYKHIKEAGMFVPTQRTEGISTSDIITRIV
 RDYDVYARRNLQRGYTAKELNVSFINEKKYRFQNVQDKMKEKVKVNEERSKEFVNRVEEKSHDLIQKWE
 KSRFIGNFLELFGPDGAWKQMFQERSRMLQALSPKQSPVSSPTRSRSPSRSPSPTFSWLPNKTSPPSS
 PKAASASISSMSEGDEDEK

TRTRPLE - GFP Tag - V

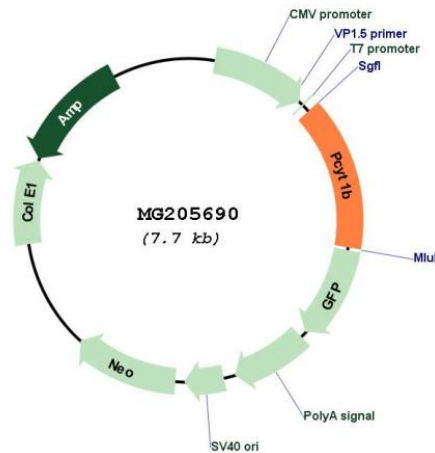
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

BC048917

ORF Size:	1109 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	BC048917 , AAH48917
RefSeq Size:	2231 bp
RefSeq ORF:	1109 bp
Locus ID:	236899
Cytogenetics:	X C3
Gene Summary:	Controls phosphatidylcholine synthesis.[UniProtKB/Swiss-Prot Function]