

## Product datasheet for **RC216978L4V**

### PCYT1B (NM\_004845) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PCYT1B (NM_004845) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PCYT1B
Synonyms:	CCTB; CTB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004845
ORF Size:	1107 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216978).
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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_004845.3</a>
RefSeq Size:	5447 bp
RefSeq ORF:	1110 bp
Locus ID:	9468
UniProt ID:	<a href="#">Q9Y5K3</a>
Cytogenetics:	Xp22.11
Domains:	CTP_transf_2
Protein Families:	Stem cell - Pluripotency



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**Protein Pathways:** Glycerophospholipid metabolism, Metabolic pathways

**MW:** 41.8 kDa

**Gene Summary:** The protein encoded by this gene belongs to the cytidylyltransferase family. It is involved in the regulation of phosphatidylcholine biosynthesis. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]