Product datasheet for RC208130L1V

PCYT1A (NM_005017) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PCYT1A (NM_005017) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PCYT1A
Synonyms:	CCTA; CCTalpha; CT; CTA; CTPCT; PCYT1; SMDCRD
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_005017
ORF Size:	1101 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208130).
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.
RefSeq:	NM_005017.2
RefSeq Size:	1677 bp
RefSeq ORF:	1104 bp
Locus ID:	5130
UniProt ID:	P49585
Cytogenetics:	3q29
Domains:	CTP_transf_2
Protein Pathways:	Glycerophospholipid metabolism, Metabolic pathways

View online »

MW:	41.6 kDa

Gene Summary: This gene belongs to the cytidylyltransferase 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]