OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC207209L1V

Choline kinase alpha (CHKA) (NM_212469) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Choline kinase alpha (CHKA) (NM_212469) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Choline kinase alpha
Synonyms:	CHK; CK; CKI; EK
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_212469
ORF Size:	1317 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207209).
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_212469.1, NP_997634.1
RefSeq Size:	2679 bp
RefSeq ORF:	1320 bp
Locus ID:	1119
UniProt ID:	P35790
Cytogenetics:	11q13.2
Protein Families:	Druggable Genome
Protein Pathways:	Glycerophospholipid metabolism, Metabolic pathways

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MW: 50 kDa

Gene Summary: The major pathway for the biosynthesis of phosphatidylcholine occurs via the CDP-choline pathway. The protein encoded by this gene is the initial enzyme in the sequence and may play a regulatory role. The encoded protein also catalyzes the phosphorylation of ethanolamine. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]