

Product datasheet for **RC211676L4V**

PKC mu (PRKD1) (NM_002742) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PKC mu (PRKD1) (NM_002742) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PKC mu
Synonyms:	CHDED; PKC-MU; PKCM; PKD; PRKCM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002742
ORF Size:	2736 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211676).
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_002742.1
RefSeq Size:	3742 bp
RefSeq ORF:	2739 bp
Locus ID:	5587
UniProt ID:	Q15139
Cytogenetics:	14q12
Domains:	kinase, TyrKc, PH, DAG_PE-bind, S_TKc
Protein Families:	Druggable Genome, Protein Kinase



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MW: 101.5 kDa

Gene Summary: The protein encoded by this gene is a serine/threonine protein kinase involved in many cellular processes, including Golgi body membrane integrity and transport, cell migration and differentiation, MAPK8/JNK1 and Ras pathway signaling, MAPK1/3 (ERK1/2) pathway signaling, cell survival, and regulation of cell shape and adhesion. [provided by RefSeq, Jan 2017]