Product datasheet for RC215335L1V

Protein Kinase D2 (PRKD2) (NM_016457) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Protein Kinase D2 (PRKD2) (NM_016457) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Protein Kinase D2
Synonyms:	HSPC187; nPKC-D2; PKD2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_016457
ORF Size:	2634 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215335).
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_016457.3
RefSeq Size:	2883 bp
RefSeq ORF:	2637 bp
Locus ID:	25865
UniProt ID:	Q9BZL6
Cytogenetics:	19q13.32
Protein Families:	Druggable Genome, Protein Kinase
MW:	96.5 kDa

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Gene Summary: The protein encoded by this gene belongs to the protein kinase D (PKD) family of serine/threonine protein kinases. This kinase can be activated by phorbol esters as well as by gastrin via the cholecystokinin B receptor (CCKBR) in gastric cancer cells. It can bind to diacylglycerol (DAG) in the trans-Golgi network (TGN) and may regulate basolateral membrane protein exit from TGN. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]