

Product datasheet for **RC206480L4V**

PKD2L1 (NM_016112) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PKD2L1 (NM_016112) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PKD2L1
Synonyms:	PCL; PKD2L; PKDL; TRPP3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016112
ORF Size:	2415 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206480).
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_016112.2
RefSeq Size:	3060 bp
RefSeq ORF:	2418 bp
Locus ID:	9033
UniProt ID:	Q9P0L9
Cytogenetics:	10q24.31
Protein Families:	Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane
MW:	92 kDa



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Gene Summary:

This gene encodes a member of the polycystin protein family. The encoded protein contains multiple transmembrane domains, and cytoplasmic N- and C-termini. The protein may be an integral membrane protein involved in cell-cell/matrix interactions. This protein functions as a calcium-regulated nonselective cation channel. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]