

Product datasheet for **RC218550L1V**

PKHD1 (NM_138694) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PKHD1 (NM_138694) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PKHD1
Synonyms:	ARPKD; FCYT; FPC; PKD4; TIGM1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_138694
ORF Size:	12222 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218550).
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_138694.2 , NP_619639.2
RefSeq Size:	16235 bp
RefSeq ORF:	12225 bp
Locus ID:	5314
UniProt ID:	P08F94
Cytogenetics:	6p12.3-p12.2
Protein Families:	Druggable Genome, Transmembrane
MW:	446.5 kDa



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Gene Summary:

The protein encoded by this gene is predicted to have a single transmembrane (TM)-spanning domain and multiple copies of an immunoglobulin-like plexin-transcription-factor domain. Alternative splicing results in two transcript variants encoding different isoforms. Other alternatively spliced transcripts have been described, but the full length sequences have not been determined. Several of these transcripts are predicted to encode truncated products which lack the TM and may be secreted. Mutations in this gene cause autosomal recessive polycystic kidney disease, also known as polycystic kidney and hepatic disease-1. [provided by RefSeq, Jul 2008]