

Product datasheet for **SC306001**

PKD1L1 (NM_138295) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PKD1L1 (NM_138295) Human Untagged Clone
Tag:	Tag Free
Symbol:	PKD1L1
Synonyms:	HTX8; PRO19563
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306001 representing NM_138295. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
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Restriction Sites:	Sgfl-RsrII
ACCN:	NM_138295
Insert Size:	8550 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_138295.3
RefSeq Size:	9075 bp
RefSeq ORF:	8550 bp
Locus ID:	168507
UniProt ID:	Q8TDX9
Cytogenetics:	7p12.3
Protein Families:	Druggable Genome, Transmembrane
MW:	315.4 kDa
Gene Summary:	This gene encodes a member of the polycystin protein family containing 11 transmembrane domains, a receptor for egg jelly (REJ) domain, and a polycystin-1, lipoxygenase, alpha-toxin (PLAT) domain. The encoded protein may play a role in the male reproductive system. Alternative splice variants have been described but their biological nature has not been determined. [provided by RefSeq, Jul 2008]