

Product datasheet for **SC307303**

PKD1L3 (NM_181536) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PKD1L3 (NM_181536) Human Untagged Clone
Tag:	Tag Free
Symbol:	PKD1L3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_181536 edited

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Restriction Sites:	Please inquire
ACCN:	NM_181536
Insert Size:	5200 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:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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:	<u>NM_181536.1</u> , <u>NP_853514.1</u>
RefSeq Size:	5199 bp
RefSeq ORF:	5199 bp
Locus ID:	342372
UniProt ID:	<u>Q7Z443</u>
Cytogenetics:	16q22.2
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a member of the polycystin protein family. The encoded protein contains 11 transmembrane domains, a latrophilin/CL-1-like GPCR proteolytic site (GPS) domain, and a polycystin-1, lipoxigenase, alpha-toxin (PLAT) domain. This protein may function as a component of cation channel pores.[provided by RefSeq, Apr 2009]