

Product datasheet for **RN214604**

Pkd2l1 (NM_001106352) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pkd2l1 (NM_001106352) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pkd2l1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214604 representing NM_001106352
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATATTATGGAGAATTCCAAGGAGCAGGAGCTGCAAACACTGGGAGCAGAGTCTGGGACAATCCTG
 CCTACAGCAGCCCTCCTTCCCCGAATGGGACCCGAGGATCTGCACCGTCTCCAGTGTGGCTCTCCCTGA
 GACTCAACCTAAAAAGCCAGAAGTCAGACGCCAGGAGAAGACACCAAGAGTCCCTGTGTCCGGCTGCTGT
 CTCCTCATCTGTCTGGCATCAGAGGGTGTGGGGACAACGCTGACTGAGAACACAGCCGAGAACAGAG
 AGCTTTATGTCAAGACTACCCTGAGGGAGCTTGTGGTGTACATCGTTCCTCGTGGATGTCTGTCTGTT
 GACCTACGGAATGACAAGTTCTAGTGCCTATTACTATAACAAAGTGATGTCGAGCTGTTCTTACACC
 CCGTCAGAGTCTGCAGTCTCCTCCAGACCATCAGCAGCATGTCAGACTTCTGGGATGGCCACTCCTGG
 ACAGTTTGTACTGGACAAAGTGTACAACAACCAGAGCCTGGGGAGCAGTCCCCTCTTTCATCTACTA
 CGAGAACCTGCTCCTGGGGTCCCGAGGTTGCGGCAGCTGCGGGTACGCAACGACTCCTGTGTGGTTCAC
 GAAGATTTCCGGGAGGACATTTTGAAGTGTATGATGTCTACTCTCCGGACAAAGAAGACCAGCTCCCT
 TTGGACCTCTCAACGGAACAGCGTGGACATACCATTACAGAATGAGCTGGGGGGCTCTCCCACTGGGG
 CAGGCTACAAGCTACAGTGGAGGTGGCTACTACTTGGATCTTCCAGGATCCAGACAAGCCAGTGGCGAG
 GCCCTCAAGGACTCCAGGAGGGACTATGGCTAGACAGGGGCACTCGTGTGGTCTTTATCGACTTCTCCG
 TCTACAATGCCAACATTAATCTCTTCTGTATTCTGAGACTGGTGGTAGAGTTCCAGCCACAGGAGGGGC
 CATCCCGTCTGGCAGATCCGCACGGTTAAGCTGATCCGCTACGTGAATAACTGGGACTTCTTATTGTG
 GGCTGTGAAGTCATCTTTGCATCTTCTACTATGTGGTAGAGGAAATCCTGAAATCCCGGTGC
 ATCGGTTTCGCTACCTCAGCAGCGTCTGGAACATTCTGGACCTGGTGGTATCTTGTCTCCATCGTGGC
 TGTGGGGTCCATGTATTCCGAACCCTGGAAGTGAACCGACTGATGGGAGAGCTCCTACAGCAGCCAGAC
 ACGTATCCAGACTTTGAGTTCCTGGCCTTCTGGCAGACTCAGTACAATAACATGAACGCGGTCAACCTTT
 TCTTTGCTTGGATCAAGATATTCAAGTACATCAGCTTCAACAAAACCATGACCCAGCTCTCCTCCACCCT
 GGCTCGTGTGCCAAGGACATCTGGGTTTCGCCATCATGTTCTTATTGTCTTCTTTCGCTACGCCAG
 CTCGGCTACCTGCTTTTCGGGACCCAAGTAGAAAGCTTTAGCACTTTCTGCAAGTGCATTTTCACTCAAT
 TCCGGATAATCTCGGGATTTTACTACAACGCCATCGACAATGCCAACCGAATCTGGGCCCTGTGTA
 CTTTCATCACCTATGTCTTCTTCTTCTTGTGCTCCTGAACATGTTCTTGGCCATCATCAACGACACA
 TACTCAGAGGTCAAGGAGGAGCTGGCTGGCCAGAGGGATCAGTTGCAGCTTTCTGACCTCCTGAAACAGA
 GCTACAGCAAGACCTACAAAGGCTGCGTCTGAGGAAAGAGCGGGTTTCAGATGTGAGAAGGTCCTGAA
 GGGCGGGGAGCCAGAGATCCAGTTTGAAGACTTACCAACACCTTGGGGAGCTACAAGGAGAGTTCTG
 CAGCTGCAGCGTGTCTGGAAGGAGTTGTGCCAGGTTGATGCCCTGAGCTCAAAGCTGAAGATGCTGG
 AGAGGAAAGGGGAGTTGGCTCCCTCCCCAGGAATGGCAAGAGGAGCCAGCTGTTTGGGAGAACCTTATA
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106352
- Insert Size:** 2031 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).
- 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_001106352.1](#), [NP_001099822.1](#)

RefSeq Size: 3105 bp

RefSeq ORF: 2031 bp

Locus ID: 293937

Cytogenetics: 1q54