

## Product datasheet for **RN200705**

### **Pkd2l2 (NM\_001106156) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pkd2l2 (NM_001106156) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pkd2l2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN200705 representing NM\_001106156  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCGAGGCGACTTGGTGGCACCCGAGGAGGACTTCAAACATGACCTGCATTACCGAAGGGAAGCGG  
 AGGTAAACACCACACTTGAAGAGTTGTTACTATACTTTATTTTTCTAATAAATCTATGCATATTGACTTT  
 TGGGACGGTCAACCCACATATGTACTACTTAAACAAAGTCATGTCATCTCTGTTTGTGGACACTTCTCTA  
 CCTGATGACGAAAGAAGCAGCTTTAGGTCCATTGCGAGCATAACTGAGTCTGGAAGTTCATGGAAGGAC  
 CCCTCGTGAAGGCTTGTACTGGGACTCGTGGTACGGAACACACAGCTGGACAGCGTGAAGAACAGCAG  
 CCTCATCTACTACGAGAATTCTCCTCGGCGTCCCCAGAGTGGCGCAGCTGCGAGTCCGAAACAGCACT  
 TGCCAGGTCTACCCAGCTTCCAGTCCCTAGCCAGCGACTGTTACAACAAATACACAGCAGAGAATGAGG  
 ACTTCTCTGATTTGGCCTCAAACATGATCCAGAATGGAGGCACTCGGCTCCTCCAGCACCGCCCATG  
 GCACTGGGGGTTTGTGGCGTCTACCGAGATGGAGGGTATATGGTCACTTTATCAAATCAAAGTCTGAA  
 ACCAAAGCCAAACTCGCTGACCTGCGGCAGAACTGGATCGGCAGAGGGACCAGGGCTGTCTTATTG  
 ATTTTTATTGTACAATGCTAACGTCAACCTGTTTTGTATCATCAGGCTGCTGGCGGAGTCCCTGCGAC  
 AGGCGGGATCCTCACTTCTGGCAATTCTACTCTGTGAAGCTCATCAGATACGCTCCTACTACGACCAC  
 TTCATTGCCTCCTGTGAAATTATATTTGTATTTCTTTTGGTCTTCATAACACAAGAAGTGAAGAAAC  
 TGAATGAGTTAAGTCTGCCTATTTGAGAAGTGTCTGGAAGTGGATAGAAGTGTCTGCTTTTGGTGTCTG  
 TTTCTTGGCGTGTCTTCTACGCATCTGTAACGTACAGTGTCTTCTTACTTGGACAGCTGTGAGG  
 AGCACCGAAAGCTATCCGGACTTTTACTTCTTGCATATTGGCACATTTACTATAACAACATAATTGCTA  
 TCACGATCTTCTTGCATGGATAAAGATATTCAAATTCATAAGCTTCAACGAGACGATGTCTCAGCTGTC  
 GTCCACGCTATCCCGCTGCATGAAGGACATCGTGGGCTTCGCCATCATGTTCTTTCATCATCTTCTCGCC  
 TACGCCAGTTGGCGTTTCTCGTTTTTGGGTACAGGTTGATGACTTCTCCACCTTTCAAATTCATAT  
 TTGCACAATTTGCAATTGCTCCTCGGGGACTTTAACTTTGCTGGCATCCAGCAGGCCAACTGGATCTTGGG  
 GCCCATCTACTTCATCACCTTCTTCTTCTCGTATTCTTCTGCTCCTGAACATGTTCTTGGCAATAATT  
 AATGATACCTATTCTGAAGTGAAGGCCGATTATTCGATAGGCAGAAAGACCAGATTTTGAAGTGGTAGCA  
 TAATTAAGAAGAGTTGCTCAATATTCTGGAGAACTCAGACTCAGGAAAGCTCAAATAATGAAGACAA  
 GAAAATGAAAACCAGCGTAGACTTGGCACAAGCCAGAAAAGAAGGCTTTGATGAAAGTGAAGTCCAAGAG  
 GCAAGGCAGATGAAAAGGTGGAAGGAAAGGCTTGAGAAAAGTATTATTCTACCGAAATTCAGACGACT  
 ACCAGCCTGTCACTCAGCAAGAATTTCCAGAACTTCTTATATCGCGTGGAGCTTGAGAAGGAGCTACA  
 CTACCTGAGTTTAAAAGTGAACCAAGTGTGAGAAAGCTACACT**AA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001106156
- Insert Size:** 1866 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\\_001106156.1](#), [NP\\_001099626.1](#)

**RefSeq Size:** 2473 bp

**RefSeq ORF:** 1866 bp

**Locus ID:** 291683

**Cytogenetics:** 18p12