

Product datasheet for **MC219823**

Pkd2l2 (NM_001163004) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pkd2l2 (NM_001163004) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pkd2l2
Synonyms:	TRPP5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219823 representing NM_001163004
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGAGGCGACTTGGTGGTACCGAGGAGGACTTCAAACATGACCTGCATTACAGAAGGGAAGCGG
 AGGTAAACACCACACTCGAGGAGTTGTTACTCTATTTTATTTTCTTAATAAATCTATGCATATTGACTTT
 TGGGATGGTCAATCCACATATGTACTATTTAAACAAAGTTATGTCGTCTCTGTTTGTGGACACTTCTCTA
 CCTGATGATGAAAGAAGCAGCTTTAGGTCCATTCGGAGCATAACTGAGTTTTGGAAGTTCATGGAAGGAC
 CCCTCATCGACGGCTTGTACTGGGACTCGTGGTATGGCAACAAACAGCTGTACAGTGTGAAGAACAGCAG
 CCGCATCTACTACGAGAAGCTTCTTCTCGGCATCCCCAGAGTGGGCAACTGCGAGTCCGAAACAACACT
 TGCAAGGTCTACCCAGCTTTCCAGTCCCTGGTACGCGACTGCTACAGCAAGTACACAGTGGAAAACGAAG
 ACTTCTCTGATTTTGGCCTCAAACGCAATCCAGAATGGACGCACACACCTTCTTCCCGACTGCCCATG
 GCACTGGGGGTTTGTGGCGTATACCGAGATGGAGGATATATAGTCACGTTATCAAATCAAATCTGAA
 ACCAAAGCCAAATTTGTTGACCTTCGACTGAACAACTGGATTAGCAGAGGCCACCGGGCTTTTTATTG
 ATTTCTCCCTGTACAATGCTAATGTCAACCTGTTTTGCATCATCAGGCTGCTGGCAGAGTCCCTGCGAC
 GGGTGGGCTCCTCACCTCCTGGCAGTCTACTCTGTGAAGCTCCTCAGATACGCTCCTACTACGACTAC
 TTCATTGCCTCCTGTGAAGTCATATTTTGTATTTTCTTTTGTCTTATAACAAGAAGTGGGAAAAG
 TGAACGAGTTTAAAGTCTGCCTATTTTCAAGTGTCTGGAAGTGGTGGAGATGCTGCTCCTGCTGCTCTG
 TTTTCTCGCCGTGCTTTCTATGCATACTGTAACATGCAGAGCTTCTCTTGCTTGGACAGCTGCTGAAA
 AACACTGACAGCTATCCCGACTTTTACTTCTTGCATACTGGCACATTTACTATAACAACGTAATTGCTA
 TCACTATCTTCTTGCATGGATAAAGATATTCAAGTTCATAAGCTTCAATGAGACAATGTCGAGCTGTC
 ATCAACACTCTCCCGCTGCATGAAGGACATCGTGGGGTTCGCCATCATGTTCTTTCATCATCTTCTCTGCT
 TATGCCAGTTGGGATTTCTGGTTTTGGTGCACAGTTGATGATTTTTCAACTTTTCAAATTCATAT
 TTGCACAATTTGCAATTGCTCCTCGGGACTTTAATTTTGTGGCATCCAGCAGGCCAACTGGATCTTGGG
 GCCCATCTACTTCATCACGTTTCTTCTTCTGTTTCTTGTGCTCCTGAACATGTTCTTGGCAATAATT
 AATGACACCTATTCTGAAGTTAAGGCTGATTATTCAATAGGCAGAAGACCAGATTTTGAAGTTGGTAAAA
 TAATTCAAAAGAGTTGCTTTAATGTTCTCGAGAACTCAGACTCAAGAAAGCTCAAGCTAAAGAAGAAAA
 GAAAATGCAAACACTGACTTGGCCAGAGAGCCAGAAGAGACGGCTTTGATGAAAGTGAATCCAAGAG
 GCAGAGCAGATGAAAAGATGGAAGGAAAGGCTTGAAGAAAGTATTATTCTACAGAAATTCAGACGATT
 ATCAGCCTGTCACTCAGCAAGAATTCCGAGAGCTTTTTATACGCGGTGGAGCTTGAGAAGGAATTACA
 CTATGTCAGTTTAAACTGAACCAACTGATGAGAAAGCTGCAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001163004

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:	<ol style="list-style-type: none">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_001163004.1</u> , <u>NP_001156476.1</u>
RefSeq Size:	2132 bp
RefSeq ORF:	1866 bp
Locus ID:	53871
UniProt ID:	<u>Q9JLG4</u>
Cytogenetics:	18 B1
Gene Summary:	<p>May function as a subunit of a cation channel and play a role in fertilization.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 3' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>