

Product datasheet for **MR225337A1V**

Mouse Pkd2l1 (NM_181422) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pkd2l1 (NM_181422) AAV Particle
Tag:	Myc-DDK
Symbol:	Pkd2l1
Synonyms:	B830002B15; BC046386; PCL; PKD2L; PkdI; TRPP3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR225337 representing NM_181422
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATAGTATGGAAAGCCCCAAGAATCAGGAGCTACAAACCCTGGGGAACAGAGCCTGGGACAATCCTG
 CCTACAGCGACCCTCCTTCCCCGAACAGGACGCTGAGGATCTGCACTGTCTCCAGTGTGGCTCTCCCTGA
 GACTCAACCCAAAAAGCCAGAAGTCAGATGCCAGGAGAAGACACAGAGAACCCTGGTGTCCAGCTGCTGT
 CTCCATATCTGTCGGAGCATCAGAGGACTGTGGGGACAACGCTGACTGAGAACACAGCCGAGAACAGGG
 AGCTTTATGTCAAGACCACCCTGAGGGAGCTTGTGGTATACATAGTGTTCCTCGTGGACATCTGTCTGTT
 GACCTACGGAATGACAAGTTCTAGTGCCTATTACTACACAAAGTGATGTCTGAATTGTTCTACACACC
 CCATCCGACTCTGGAGTCTCCTTCCAAACCATCAGCAGCATGTCAGACTTCTGGGATTTTGCTCAGGGCC
 CACTCCTGGACAGTTTGTACTGGACAAAGTGTACAACAACAGAGCCTGGGGCGTGGCTCCCACTCCTT
 CATCTACTATGAGAACCTGCTCCTGGGAGCCCCAAGGTTGCGGCAGCTGCGCGTGCAGCAATGACTCCTGT
 GTGGTTTATGAAGACTTCGGGAGGACATTTTGAAGTGTATGATGTGTACTCGCCGGACAAAGAAGATC
 AGCTCCCTTTTGACCTCAGAACGGCACAGCGTGGACATACCATTCCCAGAATGAGCTGGGTGGCTCCTC
 CCACTGGGGCAGGCTCACAAGCTACAGCGGGGTGGCTACTACTTGGATCTTCCAGGATCCCGACAAGCC
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 ACTTCTCCGTCTACAATGCCAATCAATCTTTCTGTATTCTGAGACTGGTGGTAGAGTTTCCAGCCAC
 AGGAGGGACCATCCCATCCTGGCAGATCCGCACAGTTAAGCTGATCCGCTATGTGAATAACTGGGACTTC
 TTCATTGTGGGCTGTGAAGTTGTCTTCTGTGTCTTCTATCTTCTATTATGTGGTGGAGGAAATCCTGGAAA
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 CAGCCAGACAGTATGCAGACTTTGAGTTCCTGGCCTTCTGGCAGACTCAGTACAATAACATGAACGCGG
 TCAACCTTTTCTTGTGCTTGGATCAAGATATTCAAGTATATCAGCTTCAACAAGACCATGACACAGCTCTC
 CTCCACCCTGGCTCGCTGTGCCAAGGACATCCTGGGCTTTGCCATCATGTTCTTCATTGTCTTCTCGCT
 TACGCCAGCTTGGCTACCTGCTTTTGGGACCCAAGTGGAAACTTTAGCACTTTCGTCAGTGCATTT
 TCACTCAGTTCGGATAATCCTTGGGATTTTGACTACAATGCCATCGACAATGCCAACAGAATCCTGGG
 CCCTGTGTACTTTGTACCTATGTCTTCTCGTCTTCTCGTGTCTCTGAACATGTTCTGGCCATCATC
 AACGACACATACTCCGAGGTCAAGGAGGAGCTGGCTGGCCAGAAGGATCAGTTGCAGCTTCTGACTTCC
 TGAAACAGAGCTACAACAAGACCCTACTAAGGCTGCGCCTGAGGAAAGAGCGGGTTTCTGATGTGCAGAA
 GGTCTGAAGGTGGGGAACAGAGATCCAGTTTGAAGATTTACCAGCACCTTGAGGGAACCTGGGGCAC
 GAGGAGCACGAGATCACCGCTGCCTTACCAGGTTTGATCAGGATGGGGACCACATACTGGATGAGGAGG
 AGCAGGAACAGATGCGGCAGGGACTGGAAGAGGAGAGGGTGACCCTCAATGCTGAGATTGAGAACCTAGG
 CCGGTCTGTTGGACACAGCCCCCAGGCGAATTGGGCGCGGAGGCTGCCAGAGGACAAAGCTGGGTTTCT
 GGAGAAGAATTCGACATGCTCACAAGGAGAGTTCTGCAGCTGCAGTGTGTTCTGGAAGGAGTTGTGTCCC
 AGATTGATGCTGTAGGCTCAAAGCTGAAGATGCTGGAGAGGAAAGGGGAGCTGGCTCCCTCCCAGGAAT
 GGGGAACAGCTGTTTGGGAGAACCTGTATAATCCGTCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR225337 representing NM_181422 Red=Cloning site Green=Tags(s) MNSMESPKNQELQTLGNRAWDNPAYSDPPSPNRTLRICTVSSVALPETQPKKPEVRCQEKQTQRTLVS LHICRSIRGLWGTTLTENTAENRELYVKTTLRELVVYIVFLVDICLLTYGMTSSSAYYYTKVMSEFLHT PSDSGVSFQTISSMSDFWDAQGPLLDSLYWTKWYNNQSLGRGSHSFIYYENLLLAPRLRQLRVRNDSC VVHEDFREDILNCYDVYSPDKEDQLPFGPQNGTAWTYHSQNELGGSSHWGRLTSYSGGGYYLDLPGRQA SAEALQGLQEGWLDRGTRVVFIDFSVYNANINLFCILRLVVEFPATGGTIPSWQIRTVKLIRYVNNWDF FIVGCEVVFVCFIFYVVEEILEIHLHRLRYLSSVWNILDVILLIVAVGFHIFRTLEVNRMLGKLLQ QPDYADFELAFWQTQYNNMNAVNLFFAWIKIFYISFNKMTMTLSSTLARCAKDILGFAIMFFIVFFA YAQLGYLLFGTQVENFSTFKCIFTQFRIILGDFDYNAIDNANRILGPVYFVTYVFFVFFVLLNMFLAII NDTYSEVKEELAGQKQQLSDFLKQSYNKTLLRLRLRKERSVDQVKVLKGGEPEIQFEDFTSTLRELGH EEHEITAAFTRFDDQGDHILDEEEQEQMRQGLEEERTVLTNAEIEENLGRSVGHSPPGELGAEAAAGQSWVS GEEFDMLTRRVLQLQCVLEGVVSQIDAVGSKLKMLERKGELAPSPGMGEPVWENLYNPS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_181422
ORF Size:	2280 bp
Buffer:	PBS with 0.001% Pluronic F3897
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_181422.3, NP_852087.2</u>
RefSeq Size:	3321 bp
RefSeq ORF:	2283 bp
Locus ID:	329064
UniProt ID:	<u>A2A259</u>
Cytogenetics:	19 36.91 cM
MW:	87.7 kDa