

Product datasheet for **RC206480A1V**

Human PKD2L1 (NM_016112) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PKD2L1 (NM_016112) AAV Particle
Tag:	Myc-DDK
Symbol:	PKD2L1
Synonyms:	PCL; PKD2L; PKDL; TRPP3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC206480 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAATGCTGTGGGAAGTCTGAGGGGACAGAGCTGCAAAAGCTGGGAGTGGAGCCTGGGACAACCCCG
 CCTACAGTGGTCCCCCTTCCCCACACGGGACGCTGAGAGTCTGCACCATCTCCAGCACGGGGCCTCTCCA
 GCCCCAACCCAAGAAGCCTGAAGATGAACCCAGGAGACGGCATAACAGGACCCAGGTGTCCAGCTGCTGC
 CTCCATATCTGTCAAGGCATCAGAGGACTTTGGGGAACAACCCTGACTGAGAACACAGCTGAGAACCGGG
 AACTTTATATCAAGACCACCCTGAGGGAGCTGTTGGTATATATTGTGTTCTGGTGGACATCTGTCTACT
 GACCTATGGAATGACAAGCTCCAGTGCTTATTACTACACAAAGTGATGTCTGAGCTCTTCTTACATACT
 CCATCAGACACTGGAGTCTCCTTTCAGGCCATCAGCAGCATGGCGGACTTCTGGGATTTTGGCCAGGGCC
 CACTACTGGACAGTTTGTATTGGACAAATGGTACAACAACAGAGCCTGGGCCATGGCTCCCACTCCTT
 CATCTACTATGAGAACATGCTGCTGGGGTTCCGAGGCTGCGGCAGCTAAAGGTCGCAATGACTCCTGT
 GTGGTGCATGAAGACTTCGGGAGGACATTCTGAGCTGCTATGATGTCTACTCTCCAGACAAAGAAGAAC
 AACTCCCCTTTGGGCCCTTCAATGGCACAGCGTGGACATACCACTCGCAGGATGAGTTGGGGGGCTTCTC
 CCACTGGGGCAGGCTCACAAGCTACAGCGGAGGTGGCTACTACCTGGACCTTCCAGGATCCCGACAGGGT
 AGTGCAGAGGCTCTCCGGGCCCTTCAGGAGGGCTGTGGCTGGACAGGGGCACTCGAGTGGTGTTCATCG
 ACTTCTCAGTCTACAATGCCAATATCAATCTTTCTGTGCTCTGAGGCTGGTGGTGGAGTTTCCAGCTAC
 AGGAGGTGCCATCCCCTCGGCAATCCGCACAGTCAAGCTGATCCGCTATGTCAGCAACTGGGACTTC
 TTTATCGTTGGCTGTGAGGTCACTTCTGCGTCTTCACTTCTACTATGTGGTGAAGAGATCCTGGAGC
 TCCCAATTACCGGCTTCGCTACCTCAGCAGCATCTGGAACATACTGGACCTGGTGGTCACTTTGCTCTC
 CATTGTGGCTGTGGGCTTCCACATATTCCGAACCCTCGAGGTGAATCGGCTCATGGGGAAGCTCCTGCAG
 CAGCCAAACACGTATGCAGACTTTGAGTTCCTCGCCTTCTGGCAGACACAGTACAACAACATGAATGCTG
 TCAACCTCTTCTCGCCTGGATCAAGATATTCAAGTACATCAGCTTCAACAAAACCATGACCCAGCTCTC
 CTCCACGCTGGCCGCTGTGCCAAGGACATCCTGGGCTTCGCCGTGATGTTCTTCATTGTTTTCTTCGCC
 TATGCCAACTCGGCTACCTGCTTTTCGGGACCAAGTGGAAAACCTTAGCACTTTCATCAAGTGCATTT
 TCACTCAGTTCGGATAATCCTCGGGGACTTTGACTACAATGCTATCGACAATGCCAACCGCATCCTGGG
 CCCTGCCTACTTTGTACCTATGTCTTCTCGTCTTCTCGTGCTCCTGAACATGTTCTGGCCATCATC
 AATGACACATATTCAGAGGTCAAGGAGGAGCTGGCTGGACAGAAGGATGAGCTGCAACTTCTGACCTCC
 TGAAACAGGGCTACAACAAGACCCTACTAAGACTGCGTCTGAGGAAGGAGAGGGTTTCGGATGTGCAGAA
 GGTCTGCAGGGTGGGGAGCAGGAGATCCAGTTTGAGGATTTACCAACACCTTAAGGGAACCTGGGACAC
 GCAGAGCATGAAATCACTGAGCTCACGGCCACCTTACCAAGTTTGACAGAGATGGGAATCGTATTCTGG
 ATGAGAAGGAACAGGAAAAATGCGACAGGACCTGGAGGAAGAGAGGGTGGCCCTCAACACTGAGATTGA
 GAACTAGGCCGATCTATTGTGAGCAGCCACAAGGCAATCGGGTCCAGAGGCTGCCAGAGCAGGAGGC
 TGGGTTTCAGGAGAAGAATTCTACATGCTCACAAGGAGAGTTCTGCAGCTGGAGACTGTCTGGAAGGAG
 TAGTGTCCAGATTGATGCTGTAGGCTCAAAGCTGAAAATGCTGGAGAGGAAGGGGTGGCTGGCTCCCTC
 CCCAGGCGTGAAGGAACAAGCTATTTGGAAGCACCCGACCCAGCCAGCTGTGACCCAGACCCCTGG
 GGAGTCCAGGGTGGGCAGGAGAGTGAGGTTCCCTATAAAAGAGAAGGAAGCCTTAGAGGAGAGGAGAC
 TCTCCCGTGGTGAATTCACGTTGCAGAGGAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC206480 protein sequence Red=Cloning site Green=Tags(s) MNAVGSPEGQELQKLGSRAWNPAYSGPPSPHGTLRVCTISSTGPLQPQPKPEDEPQETAYRTQVSSCC LHICQGIRGLWGTTLTENTAENRELYIKTTLRELLVYIVFLVDICLLTYGMTSSSAYYYTKVMSEFLHT PSDTGVSFQAISMAFWDFQAQGPLLDSLYWTKWYNNQSLGHGSHSFIYENMLLGVPRLRQLKVRNDSC VVHEDFREDILSCYDVYSPDKEEQLPFGPFNGTAWTYHSQDELGGFHWGRLTSYSGGGYYLDLPGSRQG SAEALRALQEGWLDRGTRVVFIDFSVYNANINLFCVLRVVEFPATGGAIPSWQIRTVKLIRYVSNWDF FIVGCEVIFCVFIFYVVEEILELHIHRLRYLSSIWNILDVILLIVAVGFHIFRTLEVNRMLMGKLLQ QPNTYADFELAFWQTQYNNMNAVNLFFAWIKIFKYISFNKMTMTQLSSTLARCAKDILGFVMMFFIVFFA YAQLGYLLFGTQVENFSTFIKIFTQFRIILGDFDYNAIDNANRILGPAYFVTYVFFVFFVLLNMFLAII NDTYSEVKEELAGQKDELQLSDLLKQGYNKTLRLRLRKERVSDVQKVLQGGEQEIQFEDFTNTLRELGH AEHEITELTATFTKFDNRILDEKEQEKMRQDLEEEERVALNTEIEKLGRSIVSSPQKGSGPEAARAGG WYSGEEFYMLTRRVLQLETVLEGVVSQIDAVGSKLMLERKGLAPSPGVKEQAIWKHPQAPAVTPDPW GVQGGQESEVPYKREEEALEERRLSRGEIPTLQRS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_016112
ORF Size:	2415 bp
Buffer:	PBS with 0.001% Pluronic F5896
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_016112.2</u>
RefSeq Size:	3060 bp
RefSeq ORF:	2418 bp
Locus ID:	9033
UniProt ID:	<u>Q9P0L9</u>
Cytogenetics:	10q24.31
MW:	92 kDa