

Product datasheet for **RC219976A1V**

Human **PODXL (NM_001018111)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PODXL (NM_001018111) AAV Particle
Tag:	Myc-DDK
Symbol:	PODXL
Synonyms:	gp135; Gp200; PC; PCLP; PCLP-1; PDX; PODXL1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC219976 representing NM_001018111
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCGCTGCGCGCTGGCGCTCTCGGCGCTGCTGCTACTGTTGTCAACGCCGCGCTGCTGCCGTCGTCGC
 CGTCGCCGTCGCCGTCGCCCTCCAGAATGCAACCCAGACTACTACGGACTCATCTAACAAAACAGCACC
 GACTCCAGCATCCAGTGTCAACATCATGGCTACAGATACAGCCAGCAGAGCACAGTCCCACTTCCAAG
 GCCAACGAAATCTTGGCCTCGGTCAAGGCGACCACTTGGTGTATCCAGTGACTACCGGGGACTACAA
 CCCTGGCTCAGCAAGTCTCAGGCCAGTCAACACTACCGTGGCTAGAGGAGGCGGCTCAGGCAACCTAC
 TACCACCATCGAGAGCCCAAGAGCACAAAAGTGCAGACACCACTACAGTTGCAACCTCCACAGCCACA
 GCTAAACCTAACACCACAAGCAGCCAGAATGGAGCAGAAGATACAACAACTCTGGGGGAAAAGCAGCC
 ACAGTGTGACCACAGACCTCACATCCACTAAGGCAGAATCTGACGACCCCTCACCTACAAGTCCACT
 TAGCCCCGACAACCACTTCGACGCATCCTGTGGCCACCCCAACAAGCTCGGGACATGACCATCTTATG
 AAAATTTCAAGCAGTTCAAGCACTGTGGCTATCCCTGGCTACACCTTCACAAGCCCGGGGATGACCACCA
 CCCTACTAGAGACAGTGTTCACCATGTGAGCCAGGCTGGTCTTGAACCTCTGACCTCGGGTGATCTGCC
 CACCTTGGCCTCCCAAAGTGTGGGATTACAGCGTCATCGGTTATCTCGAAAGAACTCAACAGACCTCC
 AGTCAGATGCCAGCCAGCTCTACGGCCCTTCTCCCAGGAGACAGTGCAGCCACGAGCCCGGCAACGG
 CATTGAGAACCTACCTGCCAGAGACCATGAGCTCCAGCCCAACAGCAGCATCAACTACCCACCGATA
 CCCCCAACACCTTCTCCACTGTGGCTCATGAGAGTAAGTGGCAAAGTGTGAGGATCTTGAGACACAG
 ACACAGAGTGAGAAGCAGCTCGTCTGAACCTCACAGGAAACACCTCTGTGCAGGGGGCGCTTCGGATG
 AGAAATTGATCTCACTGATATGCCGAGCAGTCAAAGCCACCTTCAACCCGGCCCAAGATAAGTGGCGCAT
 ACGGCTGGCATCTGTTCCAGGAAGTCAAGCCGCTGGTCTGTCAAAGAAATCACTATTACACTAAGCTCCCT
 GCCAAGGATGTGTACGAGCGGCTGAAGGACAAATGGGATGAACAAAGGAGGCAGGGGTGAGTACATGA
 AGCTAGGGGACCAGGGGCCACCGAGGAGGCGGAGGACGCTTCAAGTGCACCTCATCATCACCATCGT
 CTGCATGGCATATTCTGCTCTCTGTGGCGCCCTCTATGGCTGCTGCCACCAGCGCTCTCCAGAGG
 AAGGACCAGCAGCGGCTAACAGAGGAGTGCAGACAGTGGAGAATGGTTACCATGACAACCAACACTGG
 AAGTGTGAGACCTCTTCTGAGATGCAGGAGAAGAAGTGGTCAAGCTCAACGGGGAGCTGGGGGACAG
 CTGGATCGTCCCTCTGGACAACCTGACCAAGGACGACCTGGATGAGGAGGAAGACACACACCTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MRCALALSALLLLSTPPLLPSSPSPSPSQNATQTTDSSNKTAPTPASSVTIMATDTAQSTVPTSK
 ANEILASVKATTLGVSSDSPGTTTLAQVSGPVNTTVARGGGSGNPTTIESPKSTKSADTTTATSTAT
 AKPNTTSSQNGAEDTTNSGGKSSHSVTTDLTSTKAHLTPHPTSPLSPRQPTSTHPVATPTSSGHDHLM
 KISSSSSTVAIPGYFTSPGMTTLLLETVFHHVSQAGLELLTSGDLPTLASQSAGITASSVISQRTQOTS
 SQMPASSTAPSSQETVQPTSPATALRPTLPETMSSSPTAASSTHRYPKTPSPTVAHESNWKACEDLETQ
 TQSEKQLVLNLTGNTLCAGGASDEKLISLICRAVKATFNPAQDKCIGIRLASVPGSQTVVKEITHTKLP
 AKDVYERLKDQWDELKEAGVSDMKLGDQGPPEEAEDRFSMPLIITIVCMASFLLLVAALYGCCHQRLSQR
 KDQQLTEELQTVENGYHDNPTLEVMTSSEMQEKKVSVSLNGELGDSWIVPLDNLTKDDLDEEEDTHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001018111

ORF Size:	1674 bp
Buffer:	PBS with 0.001% Pluronic F68
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_001018111.1</u>
RefSeq Size:	5999 bp
RefSeq ORF:	1677 bp
Locus ID:	5420
UniProt ID:	<u>O00592</u>
Cytogenetics:	7q32.3
MW:	58.64 kDa