

Product datasheet for **RC205567A1V**

Human PODN (NM_153703) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PODN (NM_153703) AAV Particle
Tag:	Myc-DDK
Symbol:	PODN
Synonyms:	PCAN; SLRR5A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205567 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAAGGAGCCCGAGCCCGGAGCGCAGCTGAGACTGGGGAGCGCGTTCGGCCTGTGGGCGCCGCT
CGGCGCCGGGGCGCAGCAGGTTCCATCAGCCCTGGCGCCAGGCGCATCTGACTCGGCACCCCTGCAGG
CACCATGGCCAGAGCCGGTGCTGCTGCTCCTGCTGCTGCTGCCGCCACAGCTGCACCTGGGACCTGTG
CTTGCCGTGAGGGCCCAAGATTGGCCGAAGTGGCGGCCACAGCCTGAGCCCCGAAGAGAACGAATTTG
CGGAGGAGGAGCCGGTGTGTTGACTGAGCCCTGAGGAGCCGGGCTGGCCAGCCGCGGTGAGTGCCC
CCGAGACTGTGCTGTTCCAGAGGGCGTCTGGACTGTGGCGGTATTGACCTGCGTGAGTTCCCGGGG
GACCTGCCTGAGCACCAACCACTATCTCTGCAGAACCAACAGCTGGAAAAGATCTACCTGAGGAGC
TCTCCCGCTGCACCGCTGGAGACACTGAACCTGCAAAACAACCGCTGACTTCCCGAGGGCTCCAGAG
GAAGGCGTTTGGCATCTGACCAACCTCAATTACCTGTACTTGGCCAATAACAAGCTGACCTTGGCACCC
CGCTTCTCGCCAAACGCCCTGATCAGTGTGGACTTTGCTGCCAACTATCTCACCAAGATCTATGGGCTCA
CCTTTGGCCAGAAGCCAACTTGAGGTCTGTGTACCTGCACAACAAGCTGGCAGACGCCGGGCTGCC
GGACAACATGTTCAACGGCTCCAGCAACGTGAGGTCTCATCTGTCCAGCAACTTCTGCGCCACGTG
CCCAAGCACCTGCCGCTGCCCTGTACAAGCTGCACCTCAAGAACAACAAGCTGGAGAAGATCCCCCGG
GGGCTTCAGCGAGCTGAGCAGCCTGCGCAGCTATACCTGCAGAACCACTACCTGACTGACGAGGGCT
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GTCCAGCTGGGCTGCCGCGCAGCCTGGTGTGCTGCACTTGGAGAAGAAGCCATCCGGAGCGTGGACG
CGAATGTGCTGACCCCATCCGAGCCTGGAGTACCTGCTGCTGCACAGCAACCAGCTGCCGGAGCAGGG
CATCCACCCACTGGCCTTCCAGGGCTCAAGCGTTGCACACGGTGCACCTGTACAACAACGCGCTGGAG
CGCGTGGCCAGTGGCCTGCCTCGCCGCTGCGCACCTCATGATCCTGCACAACCAGATCACAGGCATTG
GCCGGAAGACTTTGCCACCACCTACTTCTGGAGGAGCTCAACCTCAGCTACAACCGCATCACAGCCC
ACAGGTGCACCGCAGCCTTCCGAAGCTGCGCTGCTGCGCTCGTGGACCTGTGGGCAACCGGCTG
CACAGCTGCCACCTGGGCTGCCTCGAAATGTCCATGTGCTGAAGGTCAAGCGCAATGAGCTGGCTGCCT
TGGCAGAGGGGCGCTGGCGGCATGGCTCAGCTGCGTGAGCTGTACCTACCAGCAACCGACTGCGCAG
CCGAGCCCTGGGCCCGCTGCCTGGGTGGACCTCGCCCATCTGCAGCTGCTGGACATCGCCGGAATCAG
CTCACAGAGATCCCCGAGGGGCTCCCCGAGTCACTTGAGTACCTGTACCTGCAGAACCAAGATTAGTG
CGGTGCCCGCCAATGCCTTCGACTCCACGCCAACCTCAAGGGGATCTTTCTCAGGTTTAACAAGCTGGC
TGTGGGCTCCGTGGTGGACAGTGCCTTCCGGAGGCTGAAGCACCTGCAGGTCTTGGACATTGAAGGCAAC
TTAGAGTTTGGTGACATTTCCAAGGACCGTGGCCGCTTGGGGAAGGAAAGGAGGAGGAAGAGGAGG
AGGAGGAGGAAGAGGAACAAGA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC205567 protein sequence Red=Cloning site Green=Tags(s) MEGARARGAQLRLGERVRPVGRRSAPGRSRFHQPWRPGASDSAPPAGTMAQSRVLLLLLLLLPPQLHLGPV LAVRAPGFGRSGGHSLSPEENEFAEEEPVLVLSPEEPGPGPAAVSCPRDCACSQEGVDCGGIDLREFPG DLPEHTNHLSLQNNQLEKIYPEELSRHRLLETNLQNNRLTSRGLPEKA FEHLTNLNYLYLANNKLT LAP RFLPNALISVDF AANYLTKIYGLTFGQKPNLRSVYLHNNKLADAGLPDNMFGSSNVEVLILSSNFLRHV PKHLPALYKHLKNNKLEKIPPGAFSELSSREL YLQNNYLTDEGLDNETFWKLSSLEYLDLSSNNLSR VPAGLPRSLVLLHLEKNAIRSDANVLTPIRSLEYLLLSHNSQLREQGIHPLAFQGLKRLHTVHLYNNALE RVPSGLPRRVRTLMLHNQITGIGREDFATTYFLEELNLSYNRITSPQVHRDAFRKRLRLSLDLSGNRL HTLPPGLPRNVHVLKVKRNEL AALARGALAGMAQLREL YLTSNRLRSRALGPRAWVDLAHLQLLDIAGNQ LTEIPEGLPESLEYLYLQNNKISAVPANAFDSTPNLKGIFLRFNKLAVGSVVDSAFRRLKHLQVLDIEGN LEFGDISKDRGLGKEKEEEEEEEEEEEETR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_153703
ORF Size:	1983 bp
Buffer:	PBS with 0.001% Pluronic F5731
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_153703.3, NP_714914.2</u>
RefSeq Size:	3180 bp
RefSeq ORF:	1842 bp
Locus ID:	127435
UniProt ID:	<u>Q7Z5L7</u>
Cytogenetics:	1p32.3
MW:	74.1 kDa