

Product datasheet for **RC231348A1V**

Human PODN (NM_001199080) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PODN (NM_001199080) AAV Particle
Tag:	Myc-DDK
Symbol:	PODN
Synonyms:	PCAN; SLRR5A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC231348 representing NM_001199080
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGGCGAGGAGGCAGAACAGCCTGCCTGTTCCGTCAGCCCTGGCGCCAGGCGCATCTGACTCGG
 CACCCCTGCAGGCACCATGGCCAGAGCCGGGTGCTGCTGCTCCTGCTGCTGCTGCCGCCACAGCTGCA
 CCTGGGACCTGTGCTTGCCGTGAGGGCCCCAGGATTTGGCCGAAGTGGCGGCCACAGCCTGAGCCCCGAA
 GAGAACGAATTTGCGGAGGAGGAGCCGGTGCTGGTACTGAGCCCTGAGGAGCCCGGGCCTGGCCAGCCG
 CGGTACAGTGCCCCGAGACTGTGCCTGTTCCAGGAGGGCGTCGTGGACTGTGGCGGTATTGACCTGCG
 TGAGTTCCCGGGGACCTGCCTGAGCACACCAACCACTATCTCTGCAGAACCAACAGCTGGAAGATC
 TACCCTGAGGAGCTCTCCCGGCTGCACCGGCTGGAGACGCTGAACCTGCAAAACAACCGCCTGACTTCCC
 GAGGGCTCCAGAGAAGGCGTTTGAGCATCTGACCAACCTCAATTACCTGTACTTGGCCAATAACAAGCT
 GACCTTGGCACCCGCTTCTGCCAAACGCCCTGATCAGTGTGGACTTTGCTGCCAACTATCTCACCAAG
 ATCTATGGGCTCACCTTTGGCCAGAAGCCAACTTGAGGTCTGTGTACCTGCACAACAACAGCTGGCAG
 ACGCCGGGCTGCCGGACAACATGTTCAACGGCTCCAGCAACGTCGAGGTCTCATCTGTCCAGCAACTT
 CCTGCGCCACGTGCCAAGCACCTGCCGCTGCCCTGTACAAGCTGCACCTCAAGAACAAACAGCTGGAG
 AAGATCCCCCGGGGGCCTTCAGCGAGCTGAGCAGCCTGCGCGAGCTATACCTGCAGAACAACTACCTGA
 CTGACGAGGGCCTGGACAACGAGACCTTCTGGAAGCTCTCCAGCCTGGAGTACCTGGATCTGTCCAGCAA
 CAACCTGTCTCGGGTCCCAGCTGGGCTGCCGCGCAGCCTGGTGTGCTGCACTTGGAGAAGAAGCCATC
 CGGAGCGTGGACGCGAATGTGCTGACCCCCATCCGAGCCTGGAGTACCTGCTGCTGCACAGCAACCAGC
 TCGGGGAGCAGGGCATCCACCACTGGCCTTCCAGGGCCTCAAGCGGTTGCACACGGTGCACCTGTACAA
 CAACGCGCTGGAGCGCTGCCAGTGGCCTGCCTCGCCGCGTGCACACCTCATGATCCTGCACAACCAG
 ATCACAGGCATTGGCCGCGAAGACTTTGCCACCACCTACTTCTGGAGGAGCTCAACCTCAGCTACAACC
 GCATCACAGCCCGCAGGTGCACCGCGACGCTTCCGCAAGCTGCGCCTGCTGCGCTCGCTGGACCTGTC
 GGGCAACCGGCTGCACACGCTGCCACCTGGGCTGCCTCGAAATGTCCATGTGCTGAAGGTCAAGCGCAAT
 GAGCTGGCTGCCTTGGCACGAGGGGCGCTGGTGGCATGGCTCAGCTGCGTGAGCTGTACCTCACCAGCA
 ACCGACTGCGCAGCCGAGCCCTGGGCCCCGCTGCCTGGGTGGACCTCGCCCATCTGCAGCTGCTGGACAT
 CGCCGGGAATCAGCTCACAGAGATCCCCGAGGGGCTCCCCGAGTCACTTGAGTACCTGTACCTGCAGAAC
 AACAAGATTAGTGCGGTGCCCGCAATGCCTTCGACTCCACGCCAACCTCAAGGGGATCTTCTCAGGT
 TTAACAAGCTGGCTGTGGGCTCCGTGGTGGACAGTGCCTTCCGGAGGCTGAAGCACCTGCAGGTCTTGA
 CATTGAAGGCAACTTAGAGTTTGGTGACATTTCCAAGGACCGTGGCCGCTTGGGAAGGAAAAGGAGGAG
 GAGGAAGAGGAGGAGGAGGAGGAAGAGGAAACAAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC231348 representing NM_001199080 Red=Cloning site Green=Tags(s) MEGEEAEQPAWFRQPWRPGASDAPPAGTMAQSRVLLLLLLLPPQLHLGPVLAVRAPGFGRSGGHSLSPE ENEFAEEEEPVLSPEEPGPGPAAVSCPRDCACSQEGVDCGGIDLREFPGDLPEHTNHLSLQNNQLEKI YPEELSRLETLNLQNNRLTSRGLPEKAFEHLTNLNYLYLANNKLTAPRFLPNALISVDFAAANYLTK IYGLTFGQKPNLRSVYLHNNKLADAGLPDMFNGSSNVEVLILSSNFLRHVPKHLPPALYKLHLKNNKLE KIPPGAFSELSSLRELYLQNNYLTDEGLDNETFWKLSSLEYLDLSSNNLSRVPAGLPRSLVLLHLEKNAI RSVDANVLTPIRSLEYLLLHSNQLREQGIHPLAFQGLKRLHTVHLYNNALERVPSGLPRRVRTLMLHNQ ITGIGREDFATTYFLEELNLSYNRITSPQVHRDAFRKLRLRLSLDLSGNRLHTLPPGLPRNVHVLKVKNR ELAALARGALVGMAQLRELYLTSNRLRSRALGPRAWVDLAHLQLLDIAGNQLTEIPEGLPESLEYLYLQN NKISAVPANAFDSTPNLKGIFLRFNKLAVGSVVDASFRRLKHLQVLDIEGNLEFGDISKDRGRLGKEKEE EEEEEEEEETR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001199080
ORF Size:	1926 bp
Buffer:	PBS with 0.001% Pluronic F9939
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_001199080.1</u>
RefSeq ORF:	1842 bp
Locus ID:	127435
UniProt ID:	<u>Q7Z5L7</u>
Cytogenetics:	1p32.3
MW:	72.6 kDa