

Product datasheet for **RC209221A1V**

Human **PODNL1 (NM_024825)** AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	PODNL1
Synonyms:	SLRR5B
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC209221 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCAGAGTCAGGGCTGGCCATGTGGCCGAGCCTGCTGCTCCTGCTGTTGCCGGGGCCCCGCCCC
 TCGCCGGCTTGAAGACGCTGCCTTCCCCACCTGGGGGAGAGCTTGCAGCCCCCTGCTCCGGGCTGTCC
 CCTGCGCTGCTCCTGCCCCGAGTCGACACTGTGGACTGTGATGGCTTGGACCTTCGAGTGTTCGCGGAC
 AACATCACCAGAGCCGCTCAGACCTCTCCCTGCAGAACAAACAGCTCCAGGAACCTCCCTACAATGAGC
 TGTCCCGCTCAGTGGCTGCAACCTCAACCTCCACAACAACCTCATCTCCTCCGAAGGCTGCCTGA
 CGAGGCTTCGAGTCCCTCACCCAGCTGCAGACCTCTGCGTGGCTCACAAACAGCTCTCAGTGGCCCT
 CAGTTTCTGCCCCGCTCCTCCGTGTGCGGATCTGGTGCCAACCAAGTATGGAGATCTTCCCCCTCA
 CCTTTGGGAGAAGCCGGCACTCAGGTCCGTGTACCTCCACAACAACAGCTGAGCAACGCTGGCCTGCC
 CCCCAGCGCTTCCGCGGCTCCGAGGCCATCGCCACCTCAGCCTCTCCAACAACAGCTCAGCTACCTG
 CGGCCAGCCTGCCGCCCTCACTCGAGCGCTCCACCTGCAGAACAAATCTCATCTCCAAGGTGCCCGAG
 GAGCCTGAGCCGCGAGACTCAACTCCGTGAGCTCTACCTCCAGCACAACAGCTGACAGACAGTGGCCT
 GGATGCCACCACCTTCAGCAAGCTGCATAGCCTTGAATACCTGGATCTCTCCCAACAACAGCTGACCACA
 GTGCCCGCGGCTGCCCGGACCTGGCTATCTGCACCTGGGCGCAACCGCATCCGGCAGGTGGAGG
 CGGCTCGGCTGCACGGGGCGCTGGTCTGCGCTATTTGTTGCTGCAGCACAACAGCTGGGGAGCTCAGG
 GCTGCCCGCGGGCTCTGCGGCCGTGCGGGGCTGCACAGCTGCACCTCTATGGCAATGGGCTGGAC
 CGCGTGCTCCAGCCTGCCCGCGCCTGCGTGCCCTGGTGTGCCCCACAACACGTGGCGCGCTGG
 GTGCCGTGACCTGGTGCACACCGGGCTGACGGAGCTTAACCTGGCCTATAACCGCTGGCCAGCGC
 CCGTGTGCACACCGGGCTTCCGCGGCTGCGTGCCCTGCGCAGCCTCGACCTGGCAGGGAATCAGCTA
 ACCCGGCTGCCATGGGCTGCCACTGGCCTGCGCACCTGCAGCTGCAACGCAACAGCTGCGGATGC
 TCGAGCCCGAGCTCTGGCCGGCTGGACCAACTGCGGGAGCTCAGCCTGGCGCACAACCGGCTCCGGGT
 CGGCGACATCGGGCAGGCACCTGGCATGAGCTCCAAGCCCTCAGGTGAGGCACAGGCTGGTTAGCCAC
 ACTGTCCCCAGGGCCCTCCATCCCCCTGCCTGCCCTGCCACGTCCCAACATTCTAGTTAGCTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC209221 protein sequence
 Red=Cloning site Green=Tags(s)

MAESGLAMWPSLLLLLLPGPPPVAGLEDAAPHLGESLQPLLACPLRCSCPRVDTVDCGLDLRVFPD
 NITRAAQHLSLQNNQLQELPYNELSRLSGLRNLHNNLISSEGLPDEAFESLTQLQHLCAVHNKLSVAP
 QFLPRSLRVADLAANQVMEIFPLTFGEKPAIRSVYLNHNQLSNAGLPPDAFRGSEAIALSLSNNQLSYL
 PPSLPPSLERLHLQNNLISKVPRGALSQTQLREL YLQHNQLTDSGLDATTFSKLHSLEYLDL SHNQLTT
 VPAGLPRTLAILHLGRNIRQVEARLHGARGRLRYLLQHNQLGSSGLPAGALRPLRGLHTLHL YGNGLD
 RVPPALPRRLRALVLPNHVAALGARDLVATPGL TELNLAYNRLASARVHHRAFRRRLRALRSLDLAGNQL
 TRLPMGLPTGLRTLQLQRNQLRMLEPEPLAGLDQLREL SLAHNRLRVGDI GPGTWHELQALQVRHRLVSH
 TVPRAPPSPCLPCHVPNILVSW

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_024825
ORF Size: 1536 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:	NM_024825.2 , NP_079101.2
RefSeq Size:	3332 bp
RefSeq ORF:	1518 bp
Locus ID:	79883
UniProt ID:	Q6PEZ8
Cytogenetics:	19p13.12
MW:	56.6 kDa