

Product datasheet for **RC209577A1V**

Human PNPLA3 (NM_025225) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PNPLA3 (NM_025225) AAV Particle
Tag:	Myc-DDK
Symbol:	PNPLA3
Synonyms:	ADPN; C22orf20; iPLA(2)epsilon
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209577 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTACGACGCAGAGCGCGGCTGGAGCTTGTCTTCGCGGGCTGCGGCTTCTGGGCTTCTACCAGTCG
 GGGCGACCCGCTGCCTGAGCGAGCACGCCCGCACCTCCTCCGCGACGCGGCATGTTGTTGCGGCCCTTC
 GGCCGGGGCGTTGCACTGCGTCGGCGTCTCTCCGGTATCCCGCTGGAGCAGACTCTGCAGGTCCTCTCA
 GATCTTGTGCGGAAGGCCAGGAGTCGGAACATTGGCATCTTCCATCCATCCTTCAACTTAAGCAAGTTCC
 TCCGACAGGGTCTCGGCAAAATGCCTCCCGGCAATGTCCACCAGCTCATCTCCGGCAAAATAGGCATCTC
 TCTTACCAGAGTGTCTGATGGGAAAACGTTCTGGTGTCTGACTTTCGGTCCAAAGACGAAAGTCGTGGAT
 GCCTTGGTATGTTCTGCTTCATGCCTTCTACAGTGGCCTTATCCCTCCTTCTCAGAGGCGTGGAT
 ATGTGGATGGAGGAGTGAAGTACACCGTACCCTTCATTGATGCCAAAACAACCATCACCGTGTCCCCTT
 CTATGGGGAGTACGACATCTGCCCTAAAGTCAAGTCCAGGAATTTCTTATGTGGACATACCAAGCTC
 AGTCTACGCCTCTGCACAGGGAACCTCTACCTTCTCTCGAGAGCTTTTGTCCCCCGGATCTCAAGGTGC
 TGGGAGAGATATGCCTTCGAGGATATTTGGATGCATTCAGGTTCTTGAAGAGAAGGGCATCTGCAACAG
 GCCCCAGCCAGGCTGAAGTCATCCTCAGAAGGGATGGATCCTGAGGTGCCATGCCAGCTGGGCAAAAC
 ATGAGTCTGGATTCTTCCCGGAGTCCGCTGCCTTGGCTGTGAGGCTGGAGGGAGATGAGCTGCTAGACC
 ACCTGCGTCTCAGCATCTGCCCTGGGATGAGAGCATCCTGGACACCCTCTCGCCAGGCTCGTACAGC
 ACTGAGTGAAGAAATGAAAGACAAAGGTGGATACATGAGCAAGATTTGCAACTTGCTACCCATTAGGATA
 ATGCTTATGTAATGCTGCCCTGTACCCTGCCTGTGGAATCTGCCATTGCGATTGTCCAGAGACTGGTGA
 CATGGCTCCAGATATGCCCGACGATGCTCTGTGGTTGCAGTGGGTGACCTCACAGGTGTCTCACTCGAGT
 GCTGATGTGCTGCTCCCGCCTCCAGTCCCAAATGCCAGTGAAGCAGCAACAGGCTCCCATGCACA
 CCTGAGCAGGACTGGCCCTGCTGGACTCCCTGCTCCCCGAGGGCTGTCCAGCAGAGACCAAGCAGAGG
 CCACCCCGCGTCCATCCTCAGGTCCAGCTGAACTTCTTCTGGGCAATAAAGTACCTGCTGGTCTGA
 GGGCTCTCCACCTTTCCAGTTTTTCACTAGAGAAGAGTCTG

ACGGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209577 protein sequence
 Red=Cloning site Green=Tags(s)

MYDAERGWLSFAGCGFLGFYHVGATRCLSEHAPHLRLDARMLFGASAGALHCVGLSGIPLEQTLQVLS
 DLVRKARSRNIGIFHPSFNLKFLRQGLGKCLPANVHQLISGKIGISL TRVSDGENVLVSDFRSKDEVVD
 ALVCSCFMPFYSGLI PPSFRGVRVYDGGVSDNVPFIDAKTTITVSPFYGEYDIPKVKSTNFLHVDITKL
 SLRLCTGNLYLLSRAFVPPDLKVLGEICLRGYLDAFRFLEEKGICNRQPGLKSSSEGMDPEVAMP
 MSWMSLDSSPESAAALAVRLEGDEL DHLRLSILPWDESILDTLSPRLATALSEEMKDKGGYMSKICNLLPIRI
 MSYVMLPCTLPVESAIIVQRLVTWLPDMPDDVLWLQWVTSQVFTRVLMCLLPASRSQMPVSSSQASPCT
 PEQDWPCWTPCSPEGCPAETKAEATPR SILRSSLNFFLGNKVPAGAEGLSTFPFSLEKSL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_025225

ORF Size:

1443 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_025225.2</u>
RefSeq Size:	2805 bp
RefSeq ORF:	1446 bp
Locus ID:	80339
UniProt ID:	<u>Q9NST1</u>
Cytogenetics:	22q13.31
MW:	52.8 kDa