

Product datasheet for **RC204079A1V**

Human AIPL1 (NM_014336) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AIPL1 (NM_014336) AAV Particle
Tag:	Myc-DDK
Symbol:	AIPL1
Synonyms:	AIPL2; LCA4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC204079 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGATGCCGCTCTGCTCCTGAACGTGGAAGGGTCAAGAAAACCATTCTGCACGGGGGCACGGGCGAGC
TCCCAAACCTTCATCACCAGGATCCCGAGTGATCTTTCAATTCGCCACCATGAAATGTGATGAGGAGCGGAC
AGTCATTGACGACAGTCGGCAGGTGGGCCAGCCATGCACATCATCATCGGAAACATGTTCAAGCTCGAG
GTCTGGGAGATCCTGCTTACCTCCATGCGGGTGACGAGGTGGCCGAGTTCTGGTGCGACACCATCCACA
CGGGGGTCTACCCCATCTGTCCCGAGCCTGAGGCAGATGGCCAGGGCAAGGACCCACAGAGTGGCA
CGTGACACAGTGCAGGGCTGGCCAACATGTTGCGCTACACACGCTGGGCTACGAGGACCTGGACGAGCTG
CAGAAGGAGCCTCAGCCTCTGGTCTTTGTGATCGAGCTGCTGCAGGTTGATGCCCGAGTGATTACCAGA
GGGAGACCTGGAACCTGAGCAATCATGAGAAGATGAAGGCGGTGCCCGTCTCCACGGAGAGGGAATCG
GCTCTTCAAGCTGGGCCGCTACGAGGAGGCTCTTCCAAGTACCAGGAGGCCATCATCTGCCTAAGGAAC
CTGCAGACCAAGGAGAAGCCGTGGGAGGTGCAGTGGCTGAAGCTGGAGAAGATGATCAATACTCTGATCC
TCAACTACTGCCAGTGCCTGCTGAAGAAGGAGGAGTACTATGAGGTGCTGGAGCACACCACTGATATTCT
CCGGCACCAACCCAGGCATCGTGAAGGCCTACTACGTGCGTGCCCGGGCTACGCAGAGGTGTGGAATGAG
GCCGAGGCCAAGGCGGACCTCCAGAAAGTGTGGAGCTGGAGCGTCCATGCAGAAGGCGGTGCGCAGGG
AGCTGAGGCTGCTGGAGAACCGCATGGCGGAGAAGCAGGAGGAGGAGCGGCTGCGCTGCCGGAACATGCT
GAGCCAGGGTGCCACGACGCTCCCGCAGAGCCACCCACAGAGCCACCCGCACAGTCATCCACAGAGCCA
CCTGCAGAGCCACCCACAGCACCATCTGCAGAGCTGTCCCGAGGGCCCCCTGCAGAGCCAGCCACAGAGC
CACCCCGTCCCCAGGGCACTCGCTGCAGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC204079 protein sequence Red=Cloning site Green=Tags(s) MDAALLLNVEGVKKTILHGGTGELPNFITGSRVIFHFRTMKCDEERTVIDDSRQVGQPMHIIIGNMFKLE VWEILLTSMRVHEVAEFWCDTIHTGVYPILSRSLRQMAQGKDPTTEWHVHTCGLANMFAYHTLGYEDLDEL QKEPQPLVFVIELLQVDAPSDYQRETWNLSNHEKMKAVPVLHGEGNRLFGLGRYEEASSKYQEAIICLRN LQTKEKPWEVQWLKLEKMINTLILNYCQCLLKKEEYVEVLEHTSDILRHHPGIVKAYYVRARAHAEVWNE AEAKADLQKVLELEPSMQKAVRRELRLLENRMAEKQEEERLRCRNMLSQGATQPPAEPPTTEPPAQSSTEP PAEPPTAPSAELSAGPPAEPATEPPPSPGHSLQH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014336
ORF Size:	1152 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_014336.3
RefSeq Size:	2990 bp
RefSeq ORF:	1155 bp
Locus ID:	23746
UniProt ID:	Q9NZN9
Cytogenetics:	17p13.2
MW:	43.9 kDa