

Product datasheet for **RC223173A1V**

Human AIPL1 (NM_001033055) AAV Particle

Product data:

Product Type: AAV Particles

Tag: Myc-DDK

Symbol: AIPL1

Synonyms: AIPL2; LCA4

Mammalian Cell None

Selection:

Vector: pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC223173 representing NM_001033055
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATGCCGCTCTGCTCCTGAACGTGGAAGGGGTCAAGAAAACCATCTGCACGGGGGCACGGGCGAGC
TCCAAACTTCATACCGGATCCCGACACACGGGGGTCTACCCATCTATCCCGAGCCTGAGGCAGAT
GGCCACGGGCAAGGACCCACAGAGTGGCACGTGCACACGTGCGGGCTGGCCAACATGTTTCGCTACCAC
ACGCTGGGCTACGAGGACCTGGACGAGCTGCAGAAGGAGCCTCAGCCTCTGGTCTTTGTGATCGAGCTGC
TGCAGGTTGATGCCCCGAGTGATTACCAGAGGGAGACCTGGAACCTGAGCAATCATGAGAAGATGAAGGC
GGTGCCCGTCTCCACGAGAGGGAAATCGGCTCTTCAAGCTGGGCCGTACGAGGAGGCCTCTTCCAAG
TACCAGGAGGCCATCATCTGCCTAAGGAACCTGCAGACCAAGGAGAAGCCATGGGAGGTGCAGTGGCTGA
AGCTGGAGAAGATGATCAATACTCTGATCCTCACTACTGCCAGTGCCTGCTGAAGAAGGAGGAGTACTA
TGAGGTGCTGGAGCACACAGTGATATTCTCCGGCACCACCCAGGCATCGTGAAGGCCTACTACGTGCGT
GCCCGGGCTCACGACAGGTGTGGAATGAGGCCGAGGCCAAGGCGGACCTCCAGAAAGTCTGGAGCTGG
AGCCGTCCATGCAGAAGGCGGTGCGCAGGGAGCTGAGGCTGCTGGAGAACCAGCATGGCGGAGAAGCAGGA
GGAGGAGCGGCTGCGCTGCCGGAACATGCTGAGCCAGGGTGCCACGCAGCCTCCCGCAGAGCCACCCACA
GAGCCACCCGCACAGTCATCCACAGAGCCACCTGCAGAGCCACCCACAGCACCATCTGCAGAGCTGTCCG
CAGGGCCCCCTGCAGAGCCAGCCACAGAGCCACCCCGTCCCCAGGGCACTCGCTGCAGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC223173 representing NM_001033055 Red=Cloning site Green=Tags(s) MDAALLLNVEGVKKITILHGGTGELPNFITGSRHTGVYPILSRSLRQMAQKDPTEWHVHTCGLANMFAYH TLGYEDLDELQKEPQPLVFVIELLQVDAPSDYQRETWNLSNHEKMKAVPVLHGEGNRLFKLGRYEEASSK YQEAIICLRNLQTKEKPWEVQWLKLEKMINTLILNYCQCLLKKEEYVELEHTSDILRHHPGIVKAYYVR ARAHAEVWNEAEAKADLQKVLELEPSMQKAVRRELRLLENRMAEKQEEERLCRNMLSQGATQPPAEPPT EPPAQSSTEPPAEPPTAPSAELSAGPPAEPATEPPPPSPGHSLQH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001033055
ORF Size:	972 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_001033055.1</u>
RefSeq Size:	2801 bp
RefSeq ORF:	975 bp
Locus ID:	23746
UniProt ID:	<u>Q9NZN9</u>
Cytogenetics:	17p13.2
MW:	36.5 kDa