

Product datasheet for **RC238381A1V**

Human **PLAGL1 (NM_001289047) AAV Particle**

Product data:

Product Type:	AAV Particles
Product Name:	Human PLAGL1 (NM_001289047) AAV Particle
Tag:	Myc-DDK
Symbol:	PLAGL1
Synonyms:	LOT1; ZAC; ZAC1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC238381 representing NM_001289047
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCACGTTCCCTGCCAGTTATGTGGCAAGACGTTCTCACCTGGAGAAGTTCACGATTCACAATT
 ATTCCCACTCCAGGGAGCGCCGTACAAGTGTGTGCAGCCTGACTGTGGCAAAGCCTTTGTTCCAGATA
 TAAATTGATGAGGCATATGGCTACCCATTCTCCCCAGAAATCTCACCAGTGTGCTCACTGTGAGAAGACG
 TTCAACCGGAAAGACCACCTGAAAAACCACCTCCAGACCCACGACCCCAAAAAATGGCCTTTGGGTGTG
 AGGAGTGTGGGAAGAAGTACAACACCATGCTGGGCTATAAGAGGCACCTGGCCCTCCATGCGGCCAGCAG
 TGGGGACCTCACCTGTGGGTCTGTGCCCTGGAGCTAGGGAGCACCGAGGTGCTACTGGACCACCTCAA
 GCCCATGCGGAAGAGAAGCCCCCTAGCGGAACCAAGGAAAAGAAGCACCAGTGCAGCCACTGTGAAAGAT
 GCTTCTACACCGGAAGGATGTGCGACGCCACCTGGTGGTCCACACAGGATGCAAGGACTTCTGTGCCA
 GTTCTGTGCCAGAGATTTGGGCGCAAGGATCACCTCACCCGGCATACCAAGAAGACCCACTCACAGGAG
 CTGATGAAAGAGAGCTTGCGAGACCGGAGACCTTCTGAGCACCTTCCACACCATCTCGCCTTCATTCCAAC
 TGAAGGCTGCTGCCTTGCCCTCTTTCCCTTTAGGAGCTTCTGCCCAGAACGGGCTTGCAAGTAGCTTGCC
 AGCTGAGGTCCATAGCCTCACCCCTCAGTCCCCAGAACAAGCCGCCAGCCTATGCAGCCGCTGCCAGAG
 TCCCTGGCCTCCCTCCACCCCTCGGTATCCCCTGGCTCTCCTCCGCCACCCCTTCCAATCACAAGTACA
 ACACCATTCTACCTCATACTCCCCTTGAAGCCTGCCCTCAAAGCAGATACTAAAGGTTTTTGCAA
 TATCAGTTTGTGGAGACTTGCCCTGCAAGAGCCTCAGTCACTCAAAGCTCAACCCAGGTTTTGAT
 CTGGCTAAGGAAATGCTGGTAAAGTAAACCTGCCAAGGAGCTGCCTGCAGATGCTGTGAACCTAACAA
 TACCTGCCTCTCTGGACCTGTCCCCCTGTTGGGCTTCTGGCAGCTGCCCTCCTGCTACCCAAAATAC
 CTTTGGGAATAGCACTTTGCCCTGGGCTGGGGAATCTTTGCCCCACAGGTTAAGCTGTCTGGGGCAG
 CAGCAGCAAGAACCCCACTTGCCATGGGCACTGTGAGCCTGGGCCAGCTCCCCCTGCCCCCATCCCTC
 ATGTGTTCTCAGCTGGCACTGGCTCTGCCATCCTGCCTCATTTCCATCATGCATTCAGA

ACGCGTACGCGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238381 representing NM_001289047
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MATFPCQLCGKFTLTLEKFTIHNYSHSRERPYKCVQPDCKAFVSRYLKMRHMATHSPQKSHQCAHCEKT
 FNRKDHLKNHLQTHDPNKMAFGCEEKGYNTMLGYKRHLALHAASSGDLTCGVCALELGSTEVLLDHLK
 AHAEKPPSGTKEKKHQCDHCERCFYTRKDVRRLVHTGCKDFLCQFCAQRFGRKDHLTRHTKTHSQE
 LMKESLQTDLLSTFHTISPSFQLKAAALPPFPLGASAQNGLASSLPAEVHSLTLPPEQAAQPMQPLPE
 SLASLHPSVSPGSPPPPLPNHKYNTTSTSYSPLASLPLKADTKGFCNISLFDLPLQEPQSPQKLNPGFD
 LAKGNAGKVNLPKELPADAVNLTIPASLDLSPLLGFWQLPPPATQNTFGNSTLALGPGESLPHRLSCLGQ
 QQQEPPLAMGTVSLGQLPLPPIPHVFSAGTGSAILPHFHFAFR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001289047

ORF Size:

1389 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_001289047.1, NP_001275976.1</u>
RefSeq Size:	3254 bp
RefSeq ORF:	1392 bp
Locus ID:	5325
UniProt ID:	<u>Q9UM63</u>
Cytogenetics:	6q24.2
MW:	50.8 kDa