

Product datasheet for **RC206872A1V**

Human PLA2G3 (NM_015715) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PLA2G3 (NM_015715) AAV Particle
Tag:	Myc-DDK
Symbol:	PLA2G3
Synonyms:	GIII-SPLA2; sPLA2-III; SPLA2III
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206872 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGGTTTCAGGCAGGGCTGTTGGGATGCTGGGCTTCTGGGGTGGCCCTGGGGGCTCCCCTGCC
 TCCGCTGGTACAGGACCTCCTGCCACTTGACCAAGGCCGTCCCTGGCAACCCACTGGGGTACCTGAGCTT
 CCTGGCCAAGGATGCTCAGGGACTGGCCCTGATCCATGCCCGCTGGGATGCGCATAGGAGGCTGCAGGCA
 TGTAGCTGGGAGGATGAGCCGGAGCTCACCGCAGCCTACGGTGTCTCTGTGCTCATGAGACTGCCTGGG
 GCTCCTTCATCCACACCCCGGACCCGAGCTGCAGAGAGCACTGGCCACTTTCAGAGTCAGTGGGAGGC
 ATGCCGAGCGCTTGAGGAGAGTCCAGCAGGGGCCAGGAAGAAGCGAGCAGCAGGGCAGAGTGGAGTCCCT
 GGTGGAGGGCACCAGCGAGAGAAGAGAGGATGGACCATGCCTGGCACACTGTGGTGTGGAGTTGGAGATT
 CTGCTGGGAACCTCCTCGGAGCTGGGGTCTTCCAGGGACCTGATCTCTGTTGCCGGGAACATGACCGCTG
 CCCACAGAACATCTACCCTTGCACTACAATATGGCATCCGAAACTACCGATTCCACACCATCTCCAC
 TGTGACTGTGACACCAGTTTCAGCAATGCCTACAGAATCAGCAGCACTCCATCTCGGACATCGTGGGCG
 TGGCCTTCTTCAACGTGCTGGAGATCCCCTGCTTTGTGCTGGAGGAGCAGGAGGCGTGTGTGGCGTGGTA
 CTGGTGGGGCGGGTGTAGGATGTATGGCACAGTCCCCCTCGCTCGCTGCAGCCAGGACCTTCTACAAT
 GCCTCCTGGAGCTCCCGGGCCACCTCCCCAACTCCCAGCTCCCGGAGCCAGCCCTCCCAAGCCTCGAC
 AGAAGCAGCACCTTCGAAGGGGCCACCACATCAGAAAGGGTCCAAGCGCCCCAGCAAAGCCAACACCAC
 AGCCCTCCAGGACCTATGGTCTCTCCAGGCTTGATGTGGCCCCACAGGCTCCAGGGCCACAGGGT
 GGCCTAAAACCTCAGGGTGGCCGCTGGGTCTGCCGAGCTTCCGCCACCTGGACCAGTGTGAGCACC
 AGATTGGGCCCCGGGAAATCGAGTTCAGCTGCTCAACAGCGCCCAAGAGCCCTTCCACTGCAACTG
 CACGCGCGTCTGGCACGCTTCCCTGAGGCTCCACAGCCACCCGAGGTTACCAACATGCTTTGGGAGCTG
 CTGGGCACAACCTGCTTCAAGCTGGCCCTCCACTGGACTGTGTGGAAGGCAAAACTGTTCCAGAGACC
 CTAGGGCCATCAGGGTGTGAGCCGGCCTTGGGAGGCTTCCAGAGGCGACACCAGCTCCAGGATAA
 AGGCACAGATGAGAGGCAGCCATGGCCTTCCAGAGCCCTGAGAGGCCCATGTCATTCTACAACCAAGTGC
 CTGCGACTAACCCAGGCAGCCAGGAGACCCGACAGGCAGCAGAAGTCTGGAGCCAG

ACGCGTACGCGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206872 protein sequence
 Red=Cloning site Green=Tags(s)

MGVQAGLFGMLGFLGVALGGSPALRWYRTSCHLTKAVPGNPLGYLSFLAKDAQGLALIHARWDAHRRLQA
 CSWEDEPELTAAYGALCAHETAWGSFIHTPGPELQRALATLQSQWEACRALEESPAGARKKRAAGQSGVP
 GGGHQREKRGWTMPGLWCGVGD SAGNSSELGVFQGPDLCCREHDCRPQNI SPLQYNYGIRNYRFHTISH
 CDCDTRFQQCLQNHDSISDIVGVAFFNVLEIPCFVLEEQACVAWYWWGCRMYGTVPLARLQPRTFYN
 ASWSSRATSPTSSRSPAPPKPRQKQLRKGPPHQKSKRPSKANTTALQDPMVSPRLDVAPTGLQGPQG
 GLKPQGARWVCRSFRRLDQCEHQIGPREIEFQLLNSAQEPLFHCNCTRRLARFLRLHSPPEVTNMLWEL
 LGTTCFKLAPPLDCVEGKNSRDPRAIRVSARHLRRLQQRHQLQDKGTDERQWPSEPLRGPMSFYNQ
 LQLTQAARRPDRQQKWSQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_015715

ORF Size:

1527 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_015715.2</u>
RefSeq Size:	2717 bp
RefSeq ORF:	1530 bp
Locus ID:	50487
UniProt ID:	<u>Q9NZ20</u>
Cytogenetics:	22q12.2
MW:	57.2 kDa