

Product datasheet for **RC220972A1V**

Human Phospholipase A2 (PLA2G4A) (NM_024420) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Phospholipase A2 (PLA2G4A) (NM_024420) AAV Particle
Tag:	Myc-DDK
Symbol:	PLA2G4A
Synonyms:	cPLA2; cPLA2-alpha; GURDP; PLA2G4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC220972 representing NM_024420
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCATTTATAGATCCTTACCAGCACATTATAGTGGAGCACCAGTATCCACAAAGTTTACGGTAGTGG
 TGTTACGTGCCACCAAAGTGACAAAGGGGGCCTTTGGTGACATGCTTGATACTCCAGATCCCTATGTGGA
 ACTTTTATCTCTACAACCCCTGACAGCAGGAAGAGAACAAGACATTTCAATAATGACATAAACCCCTGTG
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 CCAATTATGTCATGGATGAACTCTAGGGACAGCAACATTTACTGTATCTTCTATGAAGTGGGAGAAAA
 GAAAGAAGTTCCTTTTATTTCAACCAAGTCACTGAAATGTTCTAGAAATGTCTCTGAAGTTTGCTCA
 TGCCCAGACCTACGATTTAGTATGGCTCTGTGTGATCAGGAGAAGACTTTCAGACAACAGAGAAAAAAGC
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 CCAAAGGCACTGAAAATGAAGATGCTGGAAGTGACTATCAAAGTGATAATCAAGCAAGTTGGATTCATCG
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 TGATCCTTATGTGTTGATCGGGAAGGGCTGAAGGAGTGCTATGTCTTTAAACCAAGAATCCTGATATG
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 GTGTTCCAAGGAAACTGAGGAAGAGAAAGAAATCGCTGACTTTGATATTTTGTGATGCCAGAAATCACC
 ATTTTCAACCTTCAATTTTCAATATCCAAATCAAGCATTCAAAGACTACATGATCTTATGCACCTCAAT
 ACTCTGAACAACATTGATGTGATAAAGAAGCCATGGTTGAAAGCATTGAATATAGAAGACAGAAATCCAT
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 CAAAGCA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC220972 representing NM_024420 Red=Cloning site Green=Tags(s) MSFIDPYQHIIIEHQYSHKFTVVVLRAKVTKGAFGDMLDTPDPYVELFISTTPDSRKTRHFNNNDINPV WNETFEFILDPNQENVLEITLMDANYVMDETGTATFTVSSMKVGEKKEVPFIFNQVTEMLMSLEVCS CPDLRFSMALCDQEKTRQQRKEHIRESMKKLLGPKNSEGLHSARDVPVAILGSGGGFRAMVGFSGVMK ALYESGILDCATYVAGLSGSTWYMSTLYSHPDFPEKGPEEINEELMKNVSHNPLLLLTPQKVRYVESLW KKKSSGQPVFTFDIFGMLIGETLIHNRMTTLSSLKEKVNTAQCPPLPFTCLHVKPDVSELMFADWVEFS PYEIGMAKYGTMAPDLFGSKFFMGTVVKYEEENPLHFLMGVWGSAFSILFNRVLGVSGSQSRGSTMEEE LENITTKHIVSNDSSDDESHEPKGTENEDAGSDYQSDNQASWIHRMIMALVSDSALFNTREGRAGKVH NFMGLNLNTSYPLSPLSDFATQDSFDDDELDAVADPDEFERIYEPLDVKSKKIHVVDSGLTFNLPYPL ILRPQRGVDLIISFDFSARPSDSSPPFKELLLAEKWAKMNKLPFPKIDPYVFDREGLKECYVFKPKNPDM EKDCPTIIHFVLANINFRKYKAPGVPRETEEEKEIADFDFDDPESPFSTFNFQYPNQAFKRLHDLMHFN TLNNIDVIKEAMVESIEYRRQNPSRCSVSLSNVEARRFFNKEFLSKPKA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_024420
ORF Size:	2247 bp
Buffer:	PBS with 0.001% Pluronic F8262
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_024420.1</u>
RefSeq Size:	2875 bp
RefSeq ORF:	2250 bp
Locus ID:	5321
UniProt ID:	<u>P47712</u>
Cytogenetics:	1q31.1
MW:	85 kDa