

Product datasheet for **RC208735A1V**

Human Calcium independent Phospholipase A2 (PLA2G6) (NM_001004426) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Calcium independent Phospholipase A2 (PLA2G6) (NM_001004426) AAV Particle
Tag:	Myc-DDK
Symbol:	PLA2G6
Synonyms:	Cal-PLA2; GVI; INAD1; iPLA2; IPLA2-VIA; iPLA2beta; NBIA2; NBIA2A; NBIA2B; PARK14; PLA2; PNPLA9
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208735 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCAGTTCCTTTGGCCGCTGGTCAATACCTTCAGTGGCGTCACCAACTTGTTCTCTAACCCATTCCGGG
TGAAGGAGGTGGCTGTAGCCGACTACACCTCGAGTGACCGAGTTCGGGAGGAAGGGCAGCTGATTCTGTT
CCAGAACACTCCCAACCGCACCTGGGACTGCGTCTGGTCAACCCAGGAACCTACAGAGTGATTCCGA
CTCTTCAGCTGGAGTTGGAGGCTGACGCCCTAGTGAATTTCCATCAGTATTCTTCCAGCTGCTACCCT
TCTATGAGAGCTCCCCTCAGGTCTGCACACTGAGGTCTGCAGCACCTGACCGACCTCATCCGTAACCA
CCCCAGCTGGTCACTGGCCACCTGGCTGTGGAGCTAGGGATCCGCGAGTGCTTCCATCAGACCGGTATC
ATCAGCTGTGCCAATTGCGCGGAGAACGAGGAGGGCTGCACACCCCTGCACCTGGCTGCCGAAGGGTG
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GACCGTCTTCCATTATGCTGTCCAGGGTGACAATTCTCAGGTGCTGCAGCTCCTTGAAGGAACGCAGTG
GCTGGCCTGAACAGGTGAATAACCAAGGGCTGACCCCGCTGCACCTGGCTGCCAGCTGGGGAAGCAGG
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CTCGGCCATGAAGTTCTCTCAGAAGGGGTGTGCGGAGATGATCATCAGCATGGACAGCAGCCAGATCCAC
AGCAAAGACCCCGTTACGGAGCCAGCCCCCTCCACTGGGCCAAGAACGAGAGATGGCCCGCATGCTGC
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CAACCGCTTCGACTGTGCCATAGTGTCTGACCCACGGGGCAACGCGGATGCCCGGAGAGCAGCGG
AACACCCCGCTGCACCTGGCCATGTGAAAGACAACGTGGAGATGATCAAGGCCCTCATCGTGTTCGGAG
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CGGACCCACGACCACCTGCTGTGCCTGGATGGAGGAGGAGTGAAGGCCTCATCATCATCCAGCTCCTCA
TCGCCATCGAGAAGGCCTCGGGTGTGGCCACCAAGGACCTGTTTGACTGGGTGGCGGGCACCAGCACTGG
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GCAGCCGGCTGAACTCCACCTCTTCCGGAACACGATGCTCCAGAACTGTCCGGGAGCCTCGTTTCAAC
CAGAACGTTAACCTCAGGCCTCCAGCTCAGCCCTCAGACCAGCTGGTGTGGCGGGCGGCCGAAGCAGCG
GGGCAGCTCCTACTTACTTCCGACCCAATGGGCCTTCTTGACGGTGGGCTGCTGGCCAACAACCCAC
GCTGGATGCCATGACCGAGATCCATGAGTACAATCAGGACCTGATCCGCAAGGGTCAGGCCAACCAAGGTG
AAGAACTCTCCATCGTTGTCTCCCTGGGGACAGGGAGGTCCCCACAAGTGCCTGTGACCTGTGTGGATG
TCTTCCGTCCCAGCAACCCCTGGGAGCTGGCCAAGACTGTTTTTGGGGCAAGGAACGGCAAGATGGT
GGTGGACTGTTGCACGGATCCAGACGGGCGGCTGTGGACGGGCACGGGCTGGTGCGAGATGGTCGGC
ATCCAGTACTTCAGATTGAACCCCAAGCTGGGGACGGACATCATGCTGGATGAGGTGAGTGACACAGTGC
TGGTCAACGCCCTCTGGGAGACCGAGGTCTACATCTATGAGCACCGCAGGAGTCCAGAAGCTCATCCA
GCTGCTGCTCTACCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC208735 protein sequence Red=Cloning site Green=Tags(s) MQFFGRLVNTFSGVTNLFSPFRVKEVAVADYTSSDRVREEGQLILFQNTPNRTWDCVLVNPRNSQSGFR LFQLELEADALVNFHQYSSQLLPFYESSPOVLHTEVLQHLTDLIRNHPSWSVAHLAVELGIRECFHHSRI ISCANCAENEEGCTPLHLACRKGDEILVELVQYCHTQMDVTDYKGETVFHYAVQGDNSQVLQLLGRNAV AGLNQVNNQGLTPLHLACQLGKQEMVRVLLLCNARCINMGPNGYPIHSAMKFSQKGAEMIISMDSQIH SKDPRYGASPLHWAKNAEMARMLLKRCNVNSTSSAGNTALHVAVMRNRFDCAIVLLTHGANADARGEHG NTPLHLAMSKDNVEMIKALIVFGAEVDTPNDFGETPTFLASKIGRQLQDLMHISRARKPAFILGSMRDEK RTHDHLLCLDGGGVKGLIIQILLIAIEKASGVATKDLFDWVAGTSTGGILALAILHKSMAVMRGMYFRM KDEVFRGSRPYESGPLEEFLKREFGEHTKMTDVRKPKVMLTGTLSDRQPAELHLFRNYDAPETVREPRFN QNVNLRPPAQPSDQLVWRAARSSGAAPTYFRPNGRFLDGGLLANNPTLDAMTEIHEYNQDLIRKQANKV KKLISIVVSLGTGRSPQVPVTCVDVFRPSNPWELAKTVFGAKELGKMVVCCTDPDGRAVDRARAWCEMVG IQYFRLNPQLGTDIMLDEVSDTVLVNALWETEVIYEHREEFQKLIQLLLSP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001004426
ORF Size:	2256 bp
Buffer:	PBS with 0.001% Pluronic F6315
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_001004426.1</u>
RefSeq Size:	3077 bp
RefSeq ORF:	2259 bp
Locus ID:	8398
UniProt ID:	<u>O60733</u>
Cytogenetics:	22q13.1
MW:	84.1 kDa