

Product datasheet for **RC231345A1V**

Human PIP5KI gamma (PIP5K1C) (NM_001195733) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PIP5KI gamma (PIP5K1C) (NM_001195733) AAV Particle
Tag:	Myc-DDK
Symbol:	PIP5K1C
Synonyms:	LCCS3; PIP5K-GAMMA; PIP5K1-gamma; PIP5Kgamma
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC231345 representing NM_001195733
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCTGGAGGTACCGACGAGGCGGAGAGCGCTGAGGCGGGGGCCGTGCCCTCGGAGGCGGCGTGGG
 CGGCAGAGAGCGGGCGGCGGCAGGTTTGGCTCAGAAGAAGGCGGCCCAACAGAGGTTCTGTCCATGAC
 GGCACAGCCGGGCCCTGGCCATGGGAAGAAGTTGGGCCATCGAGGTGTGGACGCATCCGCGCAAACACC
 TACAAGAAGACCACCTCCTCCACCCTGAAGGTGCCATCCAGCTGGGCATCGGCTACACCGTGGGCCACC
 TGAGCTCCAAGCCGAACGCGACGTGCTCATGCAGGACTTCTACGTGGTGGAGAGCATCTTCTCCCCAG
 CGAAGGCGACAACTACCCCGCCCACTTCCAGGACTTCCGCTTCAAGACCTATGCACCTGTCGCC
 TTCCGCTACTTCCGGGAGCTCTTTGGGATCCGGCCAGATGATTACTTGTACTCCCTGTGCAATGAGCCGC
 TGATCGAGCTGTCAACCCGGGCGCCAGTGGCTCCCTCTTCTACGTACCAGCGACGACGAGTTCATCAT
 CAAGACCGTCAATGCACAAGGAGGCGGAGTTCTGCAGAAGCTGCTCCCTGGCTACTACATGAACCTCAAC
 CAGAACC CGCGGACGCTGCTGCCAAGTTCTATGGGCTGACTGCGTGCACTCGGGGGCAAGAATCC
 GCGTCTGGTTCATGAACAACATCCTGCCCCGCGTGGTCAAGATGCACCTCAAGTTCGACCTCAAGGGCTC
 CACCTACAAGCGGCGCGCCAGCAAGAAGGAGAAGGAGAAGAGCTTCCCCACCTACAAGGACCTGGACTTC
 ATGCAGGACATGCCCGAGGGGCTCCTGCTGGACGCCGACCTTCAGCGCCCTGGTCAAGACGCTGCAGC
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 CCAGCACGAGCGGAGCGGCGAGGCGCGCCAGAGCACCTCAGATGAGAAGCGGCTGTGGGCCAG
 AAGGCGCTCTACTCCACGGCCATGGAGTCCATCCAGGGTGGCGCCGCGCGGGGAGGCCATCGAATCGG
 ATGACACGATGGGCGGGATCCCCGCTGTGAACGGCCGCGGGGAGCGGCTGCTGCTGCACATTGGCATCAT
 CGACATCCTGCAGTCCTACAGGTTTCATCAAGAACTGGAGCACACCTGGAAGGCCCTCGTCCACGATGGG
 GACACGGTGTCCGTCCACCGCCCCAGTTCTATGCCGAGCGCTTTTCAAGTTCATGAGCAACACGGTCT
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 ACCGCTGGGGCCACCGTGCCTTCTCGCCAGCCAGATCCCTAGCGAGCGGAGGAGGCCAGTACGAC
 CTGCGGGGGCCCGCAGCTACCCACGCTGGAGGACGAAGGCCGGCCGACCTCCTGCCCTGCACGCCAC
 CTTCTTTGAAGAAGCACTACAGCCTCCATTGCCAGACTCTGTCATCCACATCCCTCTCCATTCTGA
 GCGGTCCCCCTCGGAGACGTGGAGCAGCCGCGGTACAGGCGGCGCACACAGTCGTCTGGACAGGATGGC
 AGGCCGAGGAGGAGCCACCCGCGGAAGAGGATCTGCAGCAGATTACAGTGCAGGTGGAGCCTGCGTGCA
 GCGTGGAGATTGTGGTCCCCAAAGAGGAGGACGAGGGGTGGAGGCTTCCCCGGCCGGTGCCTCTGCTGC
 TGTTGAAGTAGAACTGCCAGCCAGGCTCAGACGAGGAGGGCGCACCTGCCAGCCAGGCTCGGACGAG
 GAGGACGCGCCCGCCACCGACATCTACTTT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC231345 representing NM_001195733 Red=Cloning site Green=Tags(s) MELEVPDEAESAEAGAVPSEAAWAAESGAAAGLAQKKAAPTEVLSMTAQPGPGHGKKGHRGVDASGETT YKTTSTSLKGAIQLGIGYTVGHLSSKPERDVLMDIFYVVESIFFPSEGSNLTPAHHFQDFRKYAPVA FRYFRELFGIRPDDYLYSLCNEPLIELSNPGASGSLFYVTSDDDEFI IKTVMHKEAEFLQKLLPGYYMNLN QNPRTLLPKFYGLYCVQSGGKNIRVVVMNNILPRVVKMHLKFDLKGSTYKRRASKKEKESFPTYKDLDLDF MQDMPEGLLLDADTF SALVKTQQRDCLVLESFKIMDYSLLGVHNIDQHERERQAQGAQSTSDEKRPVGQ KALYSTAMESIQGAARGEAEIESDDTMGGIPAVNGRGERLLLHIGIIDILQSYRFIKKLEHTWKALVHDG DTVSVHRPSFYAERFFKFSNNTVFRKNSSLKSSPSKKGRRGALLAVKPLGPTAAFSASQIPSEREEAQYD LRGARSYPTLEDEGRPDLLPCTPPSFEEATTASIATTLSTSLSIPERSPSETSEQPRYRRRTQSSGQDG RPQEEPPAEEDLQQITVQVEPACSV EIVVPKEEDAGVEASPAGASAAVEVETASQASDEEGAPASQASDE EDAPATDIYF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001195733
ORF Size:	1920 bp
Buffer:	PBS with 0.001% Pluronic F9936
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_001195733.1</u>
RefSeq ORF:	1923 bp
Locus ID:	23396
UniProt ID:	<u>O60331</u>
Cytogenetics:	19p13.3
MW:	70.7 kDa