

Product datasheet for **RC227279A1V**

Human PIP5K1 alpha (PIP5K1A) (NM_001135636) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	PIP5K1 alpha
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC227279 representing NM_001135636
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCGTCGGCCTCCTCCGGGCGTCGTCTCGGTGGTCTTTTCATCCTTTGATCCCGCGGTCCCTTCT
 GTACCTTGTCTCAGCAGCATCTGGAATCAAGAGACCATGGCATCTGAGGTGCCTTATGCCTCTGGCAT
 GCCCATCAAGAAAATAGGCCATAGAAGTGTGATTCTCAGGAGAGACAACATATAAAAGACAACCTCA
 TCAGCCTTGAAAGGTGCCATCCAGTTAGGCATTACCCACACTGTGGGGAGCCTGAGTACCAACCAGAGC
 GTGATGTCTCATGCAAGATTTCTACGTGGTTGAGAGTATCTTCTTCCAGTGAAGGGAGCAACCTGAC
 CCTGCTCATCACTACAATGACTTTTCGTTTCAAGACCTATGCACCTGTTGCCTTCCGCTACTTCCGGGAG
 CTATTTGGTATCCGGCCGATGATTACTTGTATTCCCTCTGCAGTGAGCCGCTGATTGAACCTCTGTAGCT
 CTGGAGCTAGTGGTCCCTATTCTATGTGTCCAGCGACGATGAGTTCATTATTAAGACAGTCCAACATAA
 AGAGGGCGAATTTCTGCAGAAGCTGCTTCCAGGATACTACATGAACCTCAACCAGAACCTCGGACTTTG
 CTGCCTAAATTCTATGGACTGACTGTGTGCAGGAGGTGGCAAGAACATTCCGATTGTGGTGATGAACA
 ATCTTTTACCAAGATCGGTAAGATGCATATCAATATGACCTCAAAGGCTCAACCTACAAACGCGGGGC
 TTCCAGAAAGAGCGAGAGAAGCCTCTCCACATTTAAAGACCTAGACTTCTTACAAGACATCCCTGAT
 GGTCTTTTTTGGATGCTGACATGTACAACGCTCTCTGTAAGACCTGCAGCGTGACTGTTTGGTGCTGC
 AGAGCTTCAAGATAATGGATTACAGCCTCTTGATGTCAATCCATAATATAGATCATGCACAACGAGAGCC
 CTTAAGCAGTGAACACAGTACTCAGTTGATACTCGAAGACCGGCCCCCAAAAGGCTCTGTATTCCACA
 GCCATGGAATCCATCCAGGGAGAGGCTCGACGGGTGGTACCATGGAGACTGATGACCAGTTTGTAAAGA
 AGTTGGAGCACTCTTGGAAAGCCTGGTACATGACGGAGACACTGTCTCAGTGCATCGCCAGGCTTCTA
 CGCTGAACGGTTCAGCGCTTCATGTGCAACACAGTATTTAAGAAGATTCCCTTGAAGCCTTCTCCTTCC
 AAAAAGTTTCGGTCTGGCTCATCTTCTCTCGGCGAGCAGGCTCCAGTGGAACCTCCTGCATTACTTACC
 AGCCATCGGTCTCTGGGAACACAAGGCACAAGTGACAACAAGGCAGAAAGTGGAGCCAGGCGTTACCT
 TGGTCGTCTGATGTTTTACCTCAGACTCCACCTTTGGAGGAAATCAGTGAGGGCTCGCCTATTCTGAC
 CCCAGTTTCTCACCTCTAGTTGGAGAGACTTTGCAATGCTAACTACAAGTACAACCTTGGAAAAGCTTG
 AAGTTGCAGAGTCAGAGTTCACCCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC227279 representing NM_001135636
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MASASSGPSSSVGFSSFDPAVPSCTLSSAASGIKRPMASEVPYASGMPKIKIGHRSVDSSGETTYKTTT
 SALKGAIQLGITHTVGSLSTKPERDVLMDQFYVVEISFFPSEGSNLTPAHYNDFRFKTYAPVAFRYFRE
 LFGIRPDDYLYSLCSEPLIELCSSGASGSLFYVSSDDEFIIKTVQHKEAEFLQKLLPGYYMNLNQNPTL
 LPKFYGLYCVQAGGKNIRIVVMNLLPRSVKMHKIDYDLKGSTYKRRASQKEREKPLPTFKDLDFLQDIPD
 GLFLDADMYNALCKTLQRDCLVLQSFKIMDYSLLMSIHNIDHAQREPLSSETQYSVDTRRPAPQKALYST
 AMESIQGEARRGTMETDDQFVKLEHSHKALVHDGDTVSVHRPGFYAERFQRFMCNTVFKKIPLKPSPS
 KKFRSGSSFRRAGSSGNSCITYQPSVSGEHKAQVTTKAEVEPGVHLGRPDVLPQTPPLEEISEGSPIDP
 PSFSPLVGETLQMLTTSTTLEKLEVAESEFTH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001135636

ORF Size: 1566 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:	NM_001135636.1
RefSeq ORF:	1569 bp
Locus ID:	8394
UniProt ID:	Q99755
Cytogenetics:	1q21.3
MW:	57.9 kDa