

Product datasheet for **RC223713A1V**

Human PIP5K1 beta (PIP5K1B) (NM_003558) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PIP5K1 beta (PIP5K1B) (NM_003558) AAV Particle
Tag:	Myc-DDK
Symbol:	PIP5K1 beta
Synonyms:	MSS4; STM7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC223713 representing NM_003558
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCTCTCTGCTGCTGAAAAATGGAGAGGAGCAGCCTGGAAAAACAAAATGAAGAAAAACCTATAAAAAAGA
 CTGCATCATCTGCTATTAAAGGTGCTATTACAGCTGGGAATAGGATACACAGTGGTAATCTCACTTCCAA
 GCCAGAACGAGATGTTCTTATGCAAGACTTTTATGTGGTGAAAGTGTGTTCTACCCAGCGAAGGGAGC
 AATCTGACCCAGCACATCACTACCCAGACTTTAGATTAAAGACATACGCTCCATTAGCATTCCGATATT
 TCAGAGAACTTTTGGTATCAAGCCTGATGATTACTTGTATTCCATCTGCAGTGAACCTCTAATAGAACT
 GTCTAACCTGGAGCCAGTGGATCCTTGTGTTTGTGACCACTGATGATGAATTTATCATCAAAACAGTT
 CAGCACAAAGAAGCTGAGTTTCTTCAGAAGCTACTGCCAGGCTATTACATGAATTTAAACCAGAATCCAA
 GGACTCTTTTGCCAAAATTTACGGACTGTATTGTATGCAATCAGGAGGCATTAATATCAGGATTGTGGT
 GATGAACAACGTTTGGCACGCTCCATGAGAATGCACTTTACATATGACTTGAAAGGCTCAACGTATAAG
 CGAAGAGCATCCCGTAAAGAGAGAGAGAAATCCAACCCACATTTAAGGACTTAGATTTCTGCAAGACA
 TGCACGAAGGGTGTATTTTGATACGGAACATACAACGCGCTTATGAAAACTTCAGAGAGACTGCCG
 GGTGCTAGAAAGCTTCAAGATCATGGATTATAGCCTTCTGTTGGGAATTCATTTCTGGACCATTCCTC
 AAAGAGAAAGAGGAGGAGACCCACAAAATGTGCTGATGCTAAGCGGACTGGGATGCAGAAGGTTCTCT
 ACTCAACAGCCATGGAATCTATCCAGGGTCCAGGGAATCTGGAGATGGGATAATCACAGAGAACCCAGA
 CACAATGGGAGGCATTCAGCTAAAAGCCATAGGGGAGAAAACTACTTTTATTTATGGGCATTATTGAC
 ATTCTGCAATCATATAGGTTAATGAAGAAGTTAGAACATTCTGGAAGCTCTTGTGTTATGATGGGGACA
 CTGTTTCTGTTATAGACCAAGCTTTTATGCAGACAGATTTCTTAAGTTTATGAATCCAGAGTTTTCAA
 GAAAATTCAGCTTTGAAGGCTTACCCTCTAAGAAACGGTGCAATTCATCGCCGCCCTAAAGGCCACT
 TCACAGGAGATTGTGCTCTCAATTAGCCAGGAATGGAAGGATGAGAAGCGGGATTGCTGACTGAAGGAC
 AAAGTTTTAGCAGCCTTGATGAAGAAGCCCTGGGATCCCGACACAGGCCAGACCTGGTCCCTAGCACTCC
 ATCACTGTTTGAAGCTGCTTCTTGGCAACCACAATTTTCATCTTCTTCTTATACGTCAATGAGCACTAT
 CCACACGACAGGCCTACACTCTATTCAAACAGCAAAGGTTACCTTCCAGTTCAACATTTACCTTGAAG
 AGGGGACCATCTACTTGACCGCTGAGCCCAACTCTGGAAGTGCAGGATGACAATGCTTCTGTGCTTGA
 CGTCTATTTA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC223713 representing NM_003558
 Red=Cloning site Green=Tags(s)

MSSAAENGEAAPGKQNEEKTYKKTASSAIKGAIQLGIGYTVGNLTSKPERDVLMDQFYVVESVFLPSEGS
 NLTPAHHPDFRFTKYAPLAFRYFRELFGIKPDDYLYSICSEPLIELSNPGASGSLFFVTSDDFIKTV
 QHKEAEFLQKLLPGYYMNLNQNPRLLPKFYGLYCMQSGGINIRIVVMNNVLPMSMRMHFTYDLKGSTYK
 RRASRKEREKSNPTFKDLDFLQDMHEGLYFDTEYNALMKTLQRDCRVLESFKIMDYSLLGIHFLDHS
 KEKEEETPQNVDAKRTGMQKVLSTAMESIQGPGKSGDGIITENPDTMGGIPAKSHRGEKLLLFMGIIID
 ILQSYRLMKLEHSWKALVYDGDVSVHRPSFYADRFLKFMNSRVFKKIQAALKASPSKKRCSIAALKAT
 SQEIVSSISQEWKDEKRDLLTEGQSFSSLDDEALGSRHRPDLVPSTPSLFEAASLATTISSSSLYVNEHY
 PHDRPTLYSNSKGLPSSSTFTLEEGTIYLTAEPTNTLEVQDDNASVLDVYL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_003558

ORF Size:	1620 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_003558.1</u>
RefSeq Size:	2764 bp
RefSeq ORF:	1623 bp
Locus ID:	8395
UniProt ID:	<u>O14986</u>
Cytogenetics:	9q21.11
MW:	60.9 kDa