

Product datasheet for **RC218338A1V**

Human PIP5K2 beta (PIP4K2B) (NM_003559) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	PIP5K2 beta
Synonyms:	PI5P4KB; PIP5K2B; PIP5KIIB; PIP5KIIBeta; PIP5P4KB
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC218338 representing NM_003559
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGTCGTCCAACCTGCACCAGCACCAGCGCGGTGGCGGTGGCGCGCTCAGCGCCAGCAAGACCAAGACCA
AGAAGAAGCATTTCTGTGCCAGAAAGTAAGCTATTCGGGCCAGCGAGCCGATCCTCAGCGTCTGAT
GTGGGGGGTGAACCACACGATCAATGAGCTGAGCAATGTTCTGTTCTGTCATGCTAATGCCAGATGAC
TTCAAAGCCTACAGCAAGATCAAGGTGGACAATCATCTCTTCAATAAGGAGAACCTGCCAGCCGCTTTA
AGTTTAAGGAGTATTGCCCCATGGTGTCCGAAACCTTCGGGAGAGGTTTGAATTGATGATCAGGATTA
CCAGAATTCAGTGACGCGCAGCGCCCCATCAACAGTGACAGCCAGGGTCGGTGTGGCAGCGGTTTCCTC
ACCACCTACGACCGCGCTTTGTCAAGACTGTGTCCAGCGAGGACGTGGCGGAGATGCACAACATCT
TAAAGAAATACCACAGTTTATAGTGGAGTGTCATGGCAACACGCTTTTGCCACAGTTCTGGGCATGTA
CCGCCTGACCGTGGATGGTGTGGAACCTACATGGTGGTTACCAGGAACGTGTTACGCCATCGGCTCACT
GTGCATCGCAAGTATGACCTCAAGGTTCTACGTTGCCAGAGAAGCGAGCGACAAGGAGAAGGCCAAGG
ACTTGCCAACATTCAAAGACAATGACTTCTCAATGAAGGGCAGAAGCTGCATGTGGGAGAGGAGAGTAA
AAAGAACTTCTGGAGAACTGAAGCGGGACGTTGAGTTCTTGGCACAGCTGAAGATCATGGACTACAGC
CTGCTGGTGGGCATCCACGACGTGGACCGGGCAGAGCAGGAGGAGATGGAGGTGGAGGAGCGGGCAGAGG
ACGAGGAGTGTGAGAATGATGGGTGGGTGGCAACCTACTCTGCTCCTATGGCACACCTCCGGACAGCCC
TGGCAACCTCCTCAGCTTCTCGGTTCTTTGGTCTGGGGAATTCGACCCCTCTGTTGACGCTCTATGCC
ATGAAAAGCCATGAAAGTTCCCCAAGAAGGAGGTGATTTTCATGGCCATCATTGATATCCTCACGCCAT
ACGATACAAAGAAGAAAGCTGCACATGCTGCCAAAACGGTGAACACGGGGCAGGGGCCGAGATCTCGAC
TGTGAACCTGAGCAGTACTCCAAACGTTCAACGAGTTTATGTCCAACATCCTGACG

AC**CGGCGCGC**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
TTACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC218338 representing NM_003559 Red=Cloning site Green=Tags(s) MSSNCTSTTAVAVAPLSASKTKTKKKHFVCQKVLFRASEPILSVLMWGVNHTINELSNVPVPVMLMPDD FKAYSIKVDNHLFNKENLPSRFKFKEYCPMVFRNLRRERFGIDDQDYQNSVTRSAPINSDSQGRGTRFL TTYDRRFVIKTVSSEDVAEMHNILKKYHQFIVECHGNTLLPQFLGMYRLTVDGVETVMVTRNVFSHRLT VHRKYDLKGSTVAREASDKEKAKDLPTFKDNDFLNEGQKLHVGEESKKNFLEKLKRDVEFLAQLKIMDYS LLVGIHDVDRAEQEEMEVEERADEECENDGVGGNLLCSYGTTPDSPGNLLSFPRFFGPGEFDPSPVDVYA MKSHESSPKKEVYFMAIIDILTPYDTKKKAAHAAKTVKHGAGAEISTVNPEQYSKRFNEFMSNILT TRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003559
ORF Size:	1248 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_003559.3</u>
RefSeq Size:	3878 bp
RefSeq ORF:	1251 bp
Locus ID:	8396
UniProt ID:	<u>P78356</u>
Cytogenetics:	17q12
MW:	47.2 kDa