

Product datasheet for **RC230841A1V**

Human PI4KB (NM_001198775) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PI4KB (NM_001198775) AAV Particle
Tag:	Myc-DDK
Symbol:	PI4KB
Synonyms:	NPIK; PI4K-BETA; PI4K92; PI4KBETA; PI4KIII; PI4KIIIBETA; PIK4CB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC230841 representing NM_001198775
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGAGATACAGTAGTGGAGCCTGCCCCCTTGAAGCCAATTCTGAGCCCACTTCTGGCCACCAGGGA
 ATAATGGGGGGTCCCTGCTAAGTGTATCACGGAGGGGTCGGGGAACATCAGTGATTGACCTGAGGT
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 CTGCCCAGATCAGGGAGGAGGAAGATGAGATGGGGGCCGTGTGGCCTCAGGCACAGCCAAAGGAGCAAG
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 CGAGTCTGGCTGCCCACTGCTGGCTTTGACCACCACGTGGTCCGTGTACCCACACACAGGCTGTTGTCC
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 CTTCCATGGCTCCAGCACCATTCGAAACCTCAAAGAGAGGTTCCACATGAGCATGACTGAGGAGCAGCTG
 CAGCTGCTGGTGGAGCAGATGGTGGATGGCAGTATGCGGTCTATCACCACCAAACTCTATGACGGCTTCC
 AGTACCTCACCAACGGCATCATG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC230841 representing NM_001198775 Red=Cloning site Green=Tags(s) MGDTVVEPAPLKPTSEPTSGPPGNNGSLLSVITEGVGELSVIDPEVAQKACQEVLEKVKLLHGGVAVSS RGTPLELVNGDGDSEIRCLDDPPAQIREEEDEMGAASGTAKGARRRRQNNSAKQSWLLRLFESKLF ISMAISYLYNSKEPGVQAYIGNRLF CFRNEDVDFYLPQLLNMYIHMDDEVGDAIKPYIVHRCRQSINFSL QCALLLGAYSSDMHISTQRHSRGTKLRLILSDELKPAHRKRELPSLSPAPDTGLSPSKRTHQRSKSDAT ASISLSSNLKRTASNPKVENEDVPVRLAPEREFIKSLMAIGKRLATLPTKEQKTQRLISELSLLNHKLPA RVWLPTAGFDHHVVRVPHQTQAVVLNSKDKAPYLIYVEVLECFDFTTSVPARIPENRIRSTRSVENLPEC GITHEQRAGSFSTVPNYDNDDEAWSVDDIGELQVELPEVHTNSCDNISQFSVDSITSQESKEPVFIAAGD IRRRLSEQLAHTPTAFKRPEDPSAVALKEPWQEKVRRIREGSPYGHLPNWRLSVIVKCGDDLQELLA FQVLKQLQSIWEQERVPLWIKPYKILVISADSGMIEPVVNAVSIHQVKKQSQLSLLDYFLQEHGSYTTEA FLSAQRNFVQSCAGYCLCYLLQVQDRHNGNILLDAEGHIIHIDFGFILSSSPRNLGFETSAFKLTTEFV DVMGGLDGMFNYYKMLMLQGLIAARKHMDKVVQIVEIMQQGSQLPCFHGSSTIRNLKERFHMSMTEEQL QLLVEQMVDGSMRSITTKLYDGFQYLTNGIM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001198775
ORF Size:	2403 bp
Buffer:	PBS with 0.001% Pluronic F9879
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_001198775.1, NP_001185704.1</u>
RefSeq Size:	2939 bp
RefSeq ORF:	1455 bp
Locus ID:	5298
UniProt ID:	<u>Q9UBF8</u>
Cytogenetics:	1q21.3
MW:	89.8 kDa