

Product datasheet for **RC207217A1V**

Human PKC beta 1 (PRKCB) (NM_002738) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PKC beta 1 (PRKCB) (NM_002738) AAV Particle
Tag:	Myc-DDK
Symbol:	PRKCB
Synonyms:	PKC-beta; PKCB; PKCbeta; PKCI(2); PRKCB1; PRKCB2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207217 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGACCCGGCTGCGGGGCCGCGCCGAGCGAGGGCGAGGAGAGCACCGTGCGCTTCGCCCGCAAAG
GCGCCCTCCGGCAGAAGAACGTGCATGAGGTCAAGAACCACAAATTCACCGCCCGCTTCTTCAAGCAGCC
CACCTTCTGCAGCCACTGCACCGACTTCATCTGGGGCTTCGGGAAGCAGGGATTCCAGTGCCAAGTTTGC
TGCTTTGTGGTGACAAAGCGGTGCCATGAATTTGTACATTCTCCTGCCCTGGCGCTGACAAGGGTCCAG
CCTCCGATGACCCCGCAGCAAAACACAAGTTTAAAGATCCACACGTAATCCAGCCACGTTTGTGACCA
CTGTGGGTCACTGCTGTATGGACTCATCCACCAGGGGATGAAATGTGACACCTGCATGATGAATGTGCAC
AAGCGTGCCTGATGAATGTTCCAGCCTGTGTGGCACGGACCACACGGAGCGCCGCGGCCGATCTACA
TCCAGGCCACATCGACAGGGACGTCTCATTGTCTCGTAAGAGATGCTAAAACTTGTACCTATGGA
CCCCAATGGCCTGTCAGATCCCTACGTAAGTAACTGAACTGATTCCCGATCCAAAAGTGAGAGCAACAG
AAGACCAAAACCATCAATGCTCCCTCAACCTGAGTGAATGAGACATTTAGATTTTCACTGAAAGAAT
CGGACAAAGACAGAAGACTGTCAGTAGAGATTTGGGATTGGGATTGACCAGCAGGAATGACTTCATGGG
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GAGGAAGGCGAGTACTTCAATGTGCCTGTGCCACCAGAAGGAAGTGAGGCCAATGAAGAAGTGGCGCAGA
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ATTTGACAACAATGGCAACAGAGACCGGATGAACTGACCGATTTTAACTTCTAATGGTGCTGGGGAAA
GGCAGCTTTGGCAAGGTCATGCTTTGAGAACGAAAAGGCACAGATGAGCTCTATGCTGTGAAGATCCTGA
AGAAGGACGTTGTGATCCAAGATGATGACGTGGAGTGCATATGGTGGAGAAGCGGGTGTGGCCCTGCC
TGGGAAGCCCGCCCTTCTGACCCAGCTCCACTCCTGCTTCCAGACCATGGACCGCTGTACTTTGTGATG
GAGTACGTGAATGGGGGCGACCTCATGTATCACATCCAGCAAGTCGGCCGGTTCAAGGAGCCCCATGCTG
TATTTTACGCTGCAGAAATTGCCATCGGTCTGTTCTTCTTACAGAGTAAGGGCATCATTTACCGTGACCT
AAAACCTTGACAACGTGATGCTCGATTCTGAGGGACACATCAAGATTGCCGATTTTGGCATGTGTAAGGAA
AACATCTGGGATGGGGTGACAACCAAGACATTCTGTGGCACTCCAGACTACATCGCCCCGAGATAATTG
CTTATCAGCCCTATGGGAAGTCCGTGGATTGGTGGGCATTTGGAGTCTGCTGTATGAAATGTTGGCTGG
GCAGGCACCCTTTGAAGGGGAGGATGAAGATGAACTCTTCCAATCCATCATGGAACACAACGTAGCCTAT
CCCAAGTCTATGTCCAAGGAAGCTGTGGCCATCTGCAAAGGGCTGATGACCAAAACCCAGGCAACGTC
TGGGTTGTGGACCTGAAGGCGAACGTGATATCAAAGAGCATGCATTTTCCGGTATATTGATTGGGAGAA
ACTTGAACGCAAAGAGATCCAGCCCCCTTATAAGCCAAAAGCTTGTGGGCGAAATGCTGAAAACCTTCGAC
CGATTTTTCACCCGCCATCCACCAGTCCTAACACCTCCCGACCAGGAAGTCATCAGGAATATTGACCAAT
CAGAATTCGAAGGATTTTCTTTGTTAACTCTGAATTTTAAAACCCGAAGTCAAGAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC207217 protein sequence Red=Cloning site Green=Tags(s) MADPAAGPPPSEGEESTVRFARKGALRQKNVHEVKNHKFTARFFKQPTFCSHCTDFIWGFGKQGFQCQVC CFVVHKKRCHEFVTFSCPGADKGPASDDPRSKHKFKIHTYSSPTFCDHCGSLLYGLIHQGMKCDTCMMNVH KRCVMNVPSLCGTDHTERRGRIYIQAHDRLVLIIVLRDAKNLVPMDPNGLSDPYVKLKLIPDPKSESKQ KTKTIKCSLNPEWNETFRFQLKESDKDRRLSVEIWDWDLTSRNDFMGSLSFGEISLQKASVDGWFKLLSQ EEGEYFNVPVPPPEGSEANEELRQKFERAKISQGTKVPEEKTNTVSKFDNNGNRDRMKLTDNFNLMVLGK GSFGKVMLSERKGTDELYAVKILKKDVVIQDDVECTMVEKRVLALPGKPPFLTQLHSCFQTMDRLYFVM EYVNGDLMYHIQQVGRFKEPHAVFYAAEIAIGLFFLQSKGIIYRDLKLDNVMLDSEGHKIADFGMCKE NIWDGVTTKTCGTPDYIAPEIIAYQPYGKSVDWWAFGVLLYEMLAGQAPFEGEDEDELFSIMEHNVAY PKSMSKEAVAICKGLMTKHPGKRLGCGPEGERDIKEHAFFRYIDWEKLERKEIQPPYKPKACGRNAENFD RFFTRHPPVLTPPDQEVIRNIDQSEFEGFSFNSEFLKPEVKS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002738
ORF Size:	2019 bp
Buffer:	PBS with 0.001% Pluronic F6010
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_002738.5</u>
RefSeq Size:	8014 bp
RefSeq ORF:	2022 bp
Locus ID:	5579
UniProt ID:	<u>P05771</u>
Cytogenetics:	16p12.2-p12.1
MW:	77 kDa