

Product datasheet for **MR227179A1V**

Mouse Prkcb (NM_008855) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Prkcb (NM_008855) AAV Particle
Tag:	Myc-DDK
Symbol:	Prkcb
Synonyms:	PKC-B; PKC-Beta; Pkcb; Prkcb1; Prkcb2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR227179 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCTGACCCGGCTGCGGGCCGCGCCGAGCGAGGGCGAGGAGACAGTGCCTTCGCCGCAAAG
 GCGCCCTCCGGCAGAAGAACGTGCACGAGGTGAAGAACCACAAATTCACCGCCCGCTTCTTCAAGCAGCC
 CACCTTCTGCAGCCACTGCACCGACTTCATCTGGGGCTTCGGGAAGCAGGGATTCCAGTGTCAAGTCTGC
 TGCTTTGTTGTACACAAGCGCTGCCATGAGTTCGTACGTTCTCCTGCCCGGTGCGGACAAGGGCCCGG
 CCTCTGATGACCCCGGAGCAACACAAGTTTAAAGATCCACACGTACTCCAGTCTACCTTCTGTGACCA
 CTGTGGATCGTGTATGGACTTATTCACAGGGGATGAAATGCGACACCTGTATGATGAACGTGCAC
 AAGCGTGCCTGATGAACGTCCCGAGCCTCTGCGGCACTGACCACACGGAACGCCGCGGCCGCATCTATA
 TCCAGGCCACATCGACAGAGAGTTCTCATTGTTGTTGAAGAGATGCTAAAAATCTGGTACCTATGGA
 CCCCATTGGCTTGTGAGATCCCTACGTTAACTGAAACTGATCCCTGATCCAAAAGTGAGAGCAACAG
 AAGACCAAGACCATCAAGTGTTCCCTCAATCCAGAGTGAATGAAACCTTCAGATTTAGCTGAAGGAAT
 CAGACAAAGACAGAAGACTGTCTGTAGAGATCTGGGATTGGGACCTGACCAGCAGGAATGACTTCATGGG
 ATCTCTGTCAATTTGGGATTTCAAGACTACAGAAAGCCGGTGTGGATGGCTGGTTCAAGTTACTAAGCCAG
 GAAGAGGGTGAATACTTCAATGTGCCGTGCCGCCGAAGGAAGCGAGGGCAATGAAGAGCTGCGGCAGA
 AGTTTGAGAGAGCCAAGATTGGCCAAGGTACCAAGGCTCCAGAAGAAAAGACAGCTAACACTATCTCAA
 ATTTGACAACAATGGCAACAGGGACCGGATGAACTGACCGATTTAACTTCTGATGGTGTGGGAAA
 GGCAGCTTTGGCAAGGTATGCTCTCAGAGCGGAAGGGTACAGATGAAGTCTATGCCGTGAAGATCCTGA
 AGAAGGACGTGGTATCAAGATGACGATGTGGAGTGCACCATGGTGGAGAAGCGGGTGTGGCCCTGCC
 TGGGAAGCCCCCGTTCTGACTCAGCTCCATTCTGCTTCCAGACCATGGACCGCTGTACTTTGTGATG
 GAGTATGTGAACGGGGGTGACCTCATGTACCACATCCAACAAGTTGGCCGTTTCAAGGAGCCCCATGCTG
 TATTTTACGCCGAGAGATTGCCATCGGTCTGTTCTTCTTGCAGAGCAAGGGCATTATTTACCGCAGCT
 GAACTTGACAACGTGATGCTGGATTCTGAGGGGCACATCAAAATCGCTGACTTTGGCATGTGTAAGGAG
 AACATCTGGGATGGGGTGACAACCAAGACATTCTGTGGCACTCCGACTACATTGCTCCAGAGATCATTG
 CTTATCAGCCCTACGGGAAGTCTGTGGACTGGTGGCATTGGAGTCTGCTGTATGAAATGTTGGCTGG
 CCAGGCACCGTTTGAAGGGGAGGATGAGGATGAACTCTCCAGTCAATCATGGAACACAATGTGGCGTAT
 CCCAAGTCCATGTCCAAGGAAGCCGTGGCAATCTGCAAAGGGCTAATGACCAACACCCAGGCAAGCGCC
 TGGGTTGTGGGCTGAAGGGGAACGAGACATTAAAGGAGCATGCGTTTTTCCGGTATATTGACTGGGAGAA
 ACTCGAACGCAAGGAGATTACGCCACCTTATAAACCAAAAAGCTTGTGGGCGAAACGCTGAAAACCTTCGAC
 CGGTTTTTACCCGCCATCCACAGTCCTAACACCTCCTGACCAGGAAGTCATCAGGAATATTGACCAAT
 CAGAATTCGAAGGATTTCTTTGTTAACTCTGAATTTTTAAACCTGAAGTCAAGAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR227179 protein sequence Red=Cloning site Green=Tags(s) MADPAAGPPPSEGEESTVRFARKGALRQKNVHEVKNHKFTARFFKQPTFCSHCTDFIWGFGKQGFQCQVC CFVVHKKRCHEFVTFSCPGADKGPASDDPRSKHKFKIHTYSSPTFCDHCGSLLYGLIHQGMKCDTCMMNVH KRCVMNVPSLCGTDHTERRGRIYIQAHDREVLI VVVRDAKNLVPMDPNGLSDPYVKLKLIPDPKSESKQ KTKTIKCSLNPEWNETFRFQLKESDKDRRLSVEIWDWDLTSRNDFMGSLSFGEISLQKAGVDGWFKLLSQ EGEYFNVPVPPPEGSEGNEELRQKFERAKIGQGTKAPEEKTANTISKFDNNGNRDRMKLTDNFNLMVLGK GSFGKVMLSERKGTDELYAVKILKKDVVIQDDDVECTMVEKRVLALPGKPPFLTQLHSCFQTMDRLYFVM EYVNGDLMYHIQQVGRFKEPHAVFYAAEIAIGLFFLQSKGIIYRDLKLDNVMLDSEGHKIADFGMCKE NIWDGVTTKTCGTPDYIAPEIIAYQPYGKSVDWWAFGVLLYEMLAGQAPFEGEDEDELFSIMEHNVAY PKSMSKEAVAICKGLMTKHPGKRLGCGPEGERDIKEHAFFRYIDWEKLERKEIQPPYKPKACGRNAENFD RFFTRHPPVLTPPDQEVIRNIDQSEFEGFSFVNSEFLKPEVKS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_008855
ORF Size:	2019 bp
Buffer:	PBS with 0.001% Pluronic F4242
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_008855.2, NP_032881.1</u>
RefSeq Size:	8830 bp
RefSeq ORF:	2022 bp
Locus ID:	18751
UniProt ID:	<u>P68404</u>
Cytogenetics:	7 65.75 cM
MW:	76.9 kDa