

Product datasheet for **MR227620A1V**

Mouse Prkcz (NM_008860) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Prkcz (NM_008860) AAV Particle
Tag:	Myc-DDK
Symbol:	Prkcz
Synonyms:	AI098070; aPKCzeta; C80388; nPKC-zeta; Pkcz; R74924; zetaPKC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR227620 representing NM_008860
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCCAGCAGGACGGACCCCAAGATGGACCGGAGCGGCGCCGCTCCGTCTGAAGGCGCACTACGGCG
 GGGACATCCTGATTACACGCGTGGATGCCATGACAACATTCAAGGACCTCTGTAGGAAGTGCGAGACAT
 GTGTGGCTGCACACGACGACCCACTACCCTCAAGTGGGTGGACAGTGAAGGTGACCTTGTACTGTG
 TCCTCACAGATGGAGCTGGAGGAGGCCTCCGCTGGTCTGTCAGGGCAGGGACGAAGTCTCATCATTC
 ATGTTTTCCCAAGCATCCAGAGCAGCCGGGATGCTTGTCTGGAGAAGACAAGTCCATCTACCGCCG
 TGGAGCCAGAAGATGGAGGAAGCTGTACCGAGCCAACGGCCACCTCTTCAAGCCAAGCGCTTTAACAGG
 GGAGCGTACTGCGGCCAGTGCAGCGAAAGGATATGGGGTCTCTCGAGGCAGGGCTACAGGTGCATCAACT
 GCAAGCTGCTGGTCCATAAACGCTGCCACGTCTCTGTCGCGCTGACCTGCAGGAGGCATATGGATTCTGT
 CATGCCTTCCAAGAGCCTCCAGTAGATGACAAGAAGCATGGTGTAGACCTTCTTCAGAAGAACTGAT
 GGAATTGCTTATATTTCTTCATCTCGGAAACATGATAATCAAGATGATTCTGAGGACCTTAAGCCTG
 TCATCGATGGGGTGGATGGGATCAAAATCTCTCAGGGGCTGGGGCTGCAAGACTTCGACCTCATCAGAGT
 CATCGGGCGTGAAGCTATGCCAAGGTCTCTGGTGCGGTTGAAGAAAAACGACCAGATTTACGCCATG
 AAGGTGGTAAAGAAGGAGCTTGTCCACGACGACGAGGATATCGACTGGGTGCAGACAGAGAAACATGTGT
 TTGAGCAGGCGTCCAGCAACCCCTTCTGGTTGGCTTACACTCTGCTTCCAGACAACGAGCCGGTTGTT
 CCTGGTCATCGAGTATGCAATGGCGGGACCTCATGTTCCACATGCAGAGGCAGAGAAAACCTCCAGAG
 GAGCATGCCAGTTCTATGCTGCTGAGATCTGTATCGCTCTCACTTCTTGCATGAGAGGGGGATCATCT
 ACCGGGACCTAAACTGGACAACGTCTCTTGTATGCCGACGGACACATTAAGCTGACGGACTACGGCAT
 GTGCAAGGAAGGTCTAGGCCCGCGTGATACAACAAGCACTTTTTGTGGAACCCCGAACTATATCGCCCCC
 GAAATCTGCGAGGAGAAGAGTACGGGTTGAGCGTGGACTGGTGGGCACTGGGTGCTTATGTTTGAGA
 TGATGGCTGGGCGCTCCCCCTTGACATCATCAGGACAACCCTGACATGAACACTGAAGACTACCTTTT
 CCAAGTTATCTGGAAGGCAATCCGATTCCCCGTTTCTGTCTGCAAGGCCTCACAGCTCTAAAA
 GGATTTTTAAATAAGGATCCCAAGAGAGGCTTGGCTGCCGGCCACAGACTGGGTTTTCCGACATCAAGT
 CTCATGCTTTCTCCGACGATAGACTGGGACCTGCTGGAAGAAGCAGACCCTGCCTCCCTCCAGCC
 CCAGATCACAGATGACTATGGCCTGGACAACCTTGGACGCGAGTTCACCGAGCCTGTGCAGTGACC
 CCAGATGATGAGGACGTATAAAGAGGATCGACCAGTCCGAATTTGAAGGCTTTGAGTACATCAACCCAC
 TTCTGCTGCTGCTGAGGAGTCCGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MPSRTDPKMDRSGGRVRLKAHYGGDILITSVDAMTTFKDLCEEVRDMCGLHQHPLTLKWVDSEDPCTV
 SSQMELEEAFLRLVCQGRDEVLIHVFPSIQPGMPCGEDKSIYRRGARRWRKLYRANGHLFQAKRFNR
 GAYCGQCSEIRIWLRLQGYRCINCKLLVHKRCHLVPLTCRRHMSVMPSQEPVDDKNDGVDLPSEETD
 GIAYISSSRKHNDIKDSEDLPVIDGVGDIKISQGLGLQDFDLIRVIGRGSYAKVLLVRLKKNQDIYAM
 KVVKKELVHDDIDWVQTEKHVFEQASNPFLVGLHSCFQTTSRLFLVIEYVNGGDLFMHMRQRKLPE
 EHARFYAAEICIALNFLHERGIIYRDLKLDNVLLDADGHIKLDYGMCKEGLGPGDTTSTFCGTPNYIAP
 EILRGEYGFSDWWALGVLMFEMMAGRSPFDIITDNPDMNTEDYLFQVILEKPIRIPRFLSVKASHVLK
 GFLNKDPKERLGCRPQTGFSDIKSHAFFRSIDWDLLEKKQTLPPFPQITDDYGLDNFDTQFTSEPVQLT
 PDDEDVIKRIDQSEFEFGEYINPLLLSAEESV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_008860
ORF Size:	1776 bp
Buffer:	PBS with 0.001% Pluronic F4307
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_008860.3, NP_032886.2</u>
RefSeq Size:	4283 bp
RefSeq ORF:	1779 bp
Locus ID:	18762
UniProt ID:	<u>Q02956</u>
Cytogenetics:	4 86.17 cM
MW:	68.1 kDa