

Product datasheet for **RC215879A1V**

Human CGK2 (PRKG2) (NM_006259) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CGK2 (PRKG2) (NM_006259) AAV Particle
Tag:	Myc-DDK
Symbol:	PRKG2
Synonyms:	cGK2; cGKII; PKG2; PRKGR2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC215879 representing NM_006259
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

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TTCCATCACCTTTGCAAGAGAGCTCAAGGGACCCATAGATCACAGCTACTTTGACAAATATCCTCTGA
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ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC215879 representing NM_006259 Red=Cloning site Green=Tags(s) MGNGSVKPKHSHKPDGHSNLTDA LRNKVTELERELRRKDAEIQEREYHLKELREQLSKQTVAIAELTE ELQNKCIQLNKLQDVVHMQGGSPLQASPDKVPLEVHRKTSGLVSLHSRRGAKAGVSAEPTTRTYDLNKPP EFSFEKARVRKDSSEKKLITDALNKNQFLKRLDPQQIKDMVECMYGRNYQQGSYIIKQGEFGNHIFVLA GRLEVFQGEKLLSSIPMWTTFGELAILYNCTRTASVKAITNVKTWALDREVFQNMRRTAQARDEQYRNF LRSVSLLKNLPEDKLTKIIDCLEVEYYDKGDYIIREGEEGSTFFILAKGKVKTQSTEGHDQPQLIKTLQ KGEYFGEKALISDDVRSANIIAEENDVACLVIDRET FNQTVGTFEELQKYLEGYVANLNRDDEKRHAKRS MSNWKLKALSLEMIQLKEKVARFSSSSPFQNL EIIATLGVGFGFGRVELVKVKNENAVAFAMKCIRKKHIV DTKQQEHVYSEKRILEELCSPFIVKLYRTFKDNKYVYMLLEACLGGELWSILDRGSGFDEPTSKFCVACV TEAFDYLHRLGIIYRDLKPENLILDAEGLKLVDFGFAKKIGSGQKTWTF CGTPEYVAPEVILNKGHDFS VDFWSLGILVYELLTG NPPFSGVDQMMTYNLILKGIEKMD FPRKITRRPEDLIRRLCRQNPTERLGNLKN GINDIKKRWLNGFNWEGLKARSLPSPLQRELKGPIDHSYFDKYPPEKGMPPDEL SGWDKDF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006259
ORF Size:	2286 bp
Buffer:	PBS with 0.001% Pluronic F7448
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_006259.1</u>
RefSeq Size:	3328 bp
RefSeq ORF:	2289 bp
Locus ID:	5593
UniProt ID:	<u>Q13237</u>
Cytogenetics:	4q21.21
MW:	87.3 kDa