

Product datasheet for **RC200597A1V**

Human PHKG2 (NM_000294) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	PHKG2
Synonyms:	GSD9C
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC200597 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGACGCTGGACGTGGGCGGAGGATGAGCTGCCGACTGGGCGCGCCAAAGAGTTTTACCAGAAGT
ACGACCCTAAGGACGTATCGGCAGAGGAGTGAGCTCTGTGGTCCGCCGTTGTGTTTCATCGAGCTACTGG
CCACGAGTTTTCGGTGAAGATTATGGAAGTGACAGCTGAGCGGCTGAGTCCTGAGCAGCTGGAGGAGGTG
CGGGAAGCCACACGGCGAGAGACACATCCTTCGCCAGGTGCGCGGCCACCCACATCATCACCTCA
TCGATTCTACGAGTCTTCTAGCTTCATGTTCTGGTGTGGACCTGATGCGGAAGGGAGAGCTGTTGA
CTATCTCACAGAGAAGGTGGCCCTCTGAAAAGGAAACCAGGTCCATCATGCGGTCTCTGCTGGAAGCA
GTGAGCTTTTCCATGCCAACAACATTGTGCATCGAGATCTGAAGCCCGAGAATATTCTCTAGATGACA
ATATGCAGATCCGACTTTCAGATTTTCGGGTCTCCTGCCACTTGGAACCTGGCGAGAAGCTTCGAGAGTT
GTGTGGGACCCAGGTATCTAGCGCCAGAGATCCTTAAATGCTCCATGGATGAAACCCACCCAGGCTAT
GGCAAGGAGGTCGACCTCTGGCCTGTGGGTGATCTTGTTCACTCCTGGCTGGCTCGCCACCTTCT
GGCACC GGCGCAGATCCTGATGTTACGCATGATCATGGAGGCCAGTACCAGTTCAAGTTCCCGGAGTG
GGATGACCGTTCCAGCACTGTCAAAGACCTGATCTCCAGGCTGCTGCAGGTGGATCCTGAGGCACGCCTG
ACAGCTGAGCAGGCCCTACAGCACCCCTTCTTTGAGCGTTGTGAAGGCAGCCAAACCTGGAACCTCACCC
CCCGCCAGCGGTTCCGGGTGGCAGTGTGGACAGTGCTGGCTGCTGGACGAGTGGCCCTAAGCACCCATCG
TGTACGGCCACTGACCAAGAATGCACTGTTGAGGGACCTTATGCGCTGCGGTCAAGTGGCGCACCTCATC
GACAACTGTGCTTCCGGCTCTACGGGCACTGGGTAAGAAAGGGGAGCAGCAGAACC GGCGGCTCTCT
TTCAGCACCGGCCCTGGGCCTTTTCCCATCATGGGCCCTGAAGAGGAGGAGACTCTGCTGCTATAAC
TGAGGATGAGGCCGTGCTTGCTGGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200597 protein sequence Red=Cloning site Green=Tags(s) MTLDVGPEDELPDWAAAKEFYQKYDPKDVIGRGVSSVVRRCVHRATGHEFAVKIMEVTAERLSPEQLEEV REATRRETHILRQVAGHPHIITLIDSYESSFMFLVFDLMRKGELFDYLTEKVALSEKETRSIMRSLLEA VSFLHANNIVHRDLKPENILLDDNMQIRLSDFGFSCHLEPGEKLRCLGTPGYLAPEILKCSMDETHPGY GKEVDLWACGVILFTLLAGSPPFWHRRQILMLRMIMEGQYQFSSPEWDDRSSTVKDLISRLQVDPPEARL TAEQALQHPFFERCEGSQPNWLTQRQFRVAVWTVLAAGRVALSTHRVRPLTKNALLRDPYALRSVRHLI DNCAFRLYGHWVKKGEQQNRAALFQHRPPGPFIMGPEEEGDSAAITEDEAVLVLG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000294
ORF Size:	1218 bp
Buffer:	PBS with 0.001% Pluronic F68
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:	NM_000294.1
RefSeq Size:	5503 bp
RefSeq ORF:	1221 bp
Locus ID:	5261
UniProt ID:	P15735
Cytogenetics:	16p11.2
MW:	46.4 kDa