

Product datasheet for **RC204684A1V**

Human PGCP (CPQ) (NM_016134) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PGCP (CPQ) (NM_016134) AAV Particle
Tag:	Myc-DDK
Symbol:	PGCP
Synonyms:	LDP; PGCP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204684 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAAATTCCTTATCTTCGCATTTTTCGGTGGTGTTCACCTTTTATCCCTGTGCTCTGGAAAGCTATAT
 GCAAGAATGGCATCTCTAAGAGGACTTTTGAAGAAATAAAGAAGAAATAGCCAGCTGTGGAGATGTTGC
 TAAAGCAATCATCAACCTAGCTGTTTATGGTAAAGCCCAGAACAGATCCTATGAGCGATTGGCACTTCTG
 GTTGATACTGTTGGACCCAGACTGAGTGGCTCCAAGAACCTAGAAAAAGCCATCCAAATTATGTACCAAA
 ACCTGCAGCAAGATGGGCTGGAGAAAGTTACCTGGAGCCAGTGAGAATACCCACTGGGAGAGGGGAGA
 AGAATCAGCTGTGATGCTGGAGCCAAGAATTCATAAGATAGCCATCCTGGGTCTTGGCAGCAGCATTGGG
 ACTCCTCCAGAAGGCATTACAGCAGAAGTTCTGGTGGTACCTCTTCGATGAAGTGCAGAGAAGGGCCT
 CAGAAGCAAGAGGAAGATTGTTGTTTATAACCAACCTTACATCACTACTCAAGGACGGTGCAATACCG
 AACGCAGGGGGCGGTGGAAGCTGCCAAGGTTGGGGCTTTGGCATCTCTCATTGATCCGTGGCCTCCTTC
 TCCATCTACAGTCCTCACACAGGTATTAGGAATACCAGGATGGCGTGCCCAAGATTCCAACAGCCTGTA
 TTACGGTGAAGATGCAGAAATGATGTCAAGAATGGCTTCTCATGGGATCAAAATTGTCATTAGCTAAA
 GATGGGGGCAAGACCTACCCAGATACTGATTCTTCAACACTGTAGCAGAGTCACTGGGAGCAAAATAT
 CCAGAACAGGTTGACTGGTCACTGGACATCTGGACAGCTGGGATGTTGGGCAGGGTGCCATGGATGATG
 GCGGTGGAGCCTTTATATCATGGGAAGCACTCTCACTTATTAAGATCTTGGGCTGCGTCCAAAGAGGAC
 TCTGCGGCTGGTCTCTGGACTGCAGAGAACAAGGTGGAGTTGGTGCCTTCCAGTATTATCAGTTACAC
 AAGGTAATATTTCCAACCTACAGTCTGGTGTGAGTCTGACGCAGGAACCTTCTTACCCACTGGGCTGC
 AATTCAGTGGCAGTGAAGAGGCCAGGGCCATCATGGAGGAGTTATGAGCCTGCTGCAGCCCTCAATAT
 CACTCAGGTCTGAGCCATGGAGAAGGACAGACATCACTTTTGGATCCAAGCTGGAGTGCCTGGAGCC
 AGTCTACTTGATGACTTATACAAGTATTTCTTCTTCCATCACTCCACGAGACACCATGACTGTCATGG
 ATCCAAAGCAGATGAATGTTGCTGCTGCTGTTGGGCTGTTGTTTCTTATGTTGTCAGACATGGAAGA
 AATGCTGCCTAGGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204684 protein sequence
 Red=Cloning site Green=Tags(s)

MKFLIFAFFGGVHLLSLCSGKAICKNGISKRTFEEIKEEIASCGDVAKAIINLAVYGKAQNRSYERLALL
 VDTVGPRLSGSKNLEKAIQIMYQNLQQDGLKVLHLEPVRIPHWERGEESAVMLEPRIHKIAILGLGSSIG
 TPPEGITAEVLVVTSFDELQRRASEARGKIVVYNQPYINYSRTVQYRTQGAVEAAKVGALASLIRSVASF
 SIYSPHTGIQEYQDGVPKIPTACITVEDAEMMSRMASHGIKIVIQLMGAKTYPDTSFNTVAEITGSKY
 PEQVVLVSGHLDSDVQGGAMDDGGGAFISWEALSLIKDLGLRPKRTLRLVLWTAEEQGGVGAFQYYQLH
 KVNISNYSLVMSDAGTFLPTGLQFTGSEKARAIMEEVMSLLQPLNITQVLSHGEGTDINFWIQAGVPGA
 SLLDDLKYFFHHSHGDTMTVMDPKQMNVAADVAVVSYVVADMEEMPLRS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_016134

ORF Size:

1416 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:	<u>NM_016134.2, NP_057218.1</u>
RefSeq Size:	1949 bp
RefSeq ORF:	1419 bp
Locus ID:	10404
UniProt ID:	<u>Q9Y646</u>
Cytogenetics:	8q22.1
MW:	51.9 kDa