

Product datasheet for **RC222119A1V**

Human POGK (NM_017542) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human POGK (NM_017542) AAV Particle
Tag:	Myc-DDK
Symbol:	POGK
Synonyms:	BASS2; KRBOX2; LST003
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC222119 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

 ATGGAGTCCACAGCCTACCTCTCAATTTGAGCCTGAAAGAAGAGGAAGAGGAAGAAGAGATTGAGAGCC
GGGAAGTAGAGACGGCCCGGCAGACATGCAGAAAGTACGAATCTGCTCTGAGGGCGGATGGGTACCGGC
CCTATTTGATGAGGTGGCCATATATTTTCCGATGAGGAATGGGAAGTTTACGGAGCAACAAAAGGCC
CTCTACCGGGAAGTCATGAGGATGAATTATGAACTGTCTGTCCCTGGAATCCCATCCCTAAGCCAG
ACATGATCACCCGTTTGAAGGGGAGGAGGAGTCTCAGAATTCTGACGAGTGGCAGCTCCAAGGAGGCAC
CTCTGCAGAAATGAAGAATCTGACGTAAGCCTCCAGACTGGCCAAACCAATGAATGTACCTCCAG
TTTCTCAGCCTCAGCACTTTGACAGCTTTGGCTCCGCTGCCTCGGGATATCAGAGCTGCCGAGT
GGAGTGAGGGTACCCCTTCTACATGGCCATGGGCTTCCAGGGTATGACCTCTCGGCTGATGACATAGC
TGGGAAGTTTCAGTTCAGCCGGGCATGCGCCGAGTACGACGCAGGGTTCAAGCTGATGGTAGTGAA
TATGCTGAGAGTACCACTGCTGAGGCTGCCAAGCAGTTTGGAGTATTGGAAGAAAGCTTCGAGACT
GGCGCAAAGTGAAGCCACAGCTTCAAAACGCCACGCCATGCGCGGGCATTCCGAGGCCCAAGATGG
GAGTTTGTCTGCTGGTGACGAGCGTGTGGCCGAATATGTGAGATACATGCAGGCCAAAGGGGACCCATC
ACCCGGGAGGCGATGCAGCTGAAAGCTCTGAAATCGCCAGGAAATGAACATCCAGAGAAAGGGTTCA
AGGCAAGCTTGGGTGGTGCGAAGAATGATGAGAAGGTATGACCTGTCTCTGAGGCATAAAGTGCCCGT
GCCCCAGCACCTGCCGAAGACCTGACTGAGAACTCGTCACTTACCAGCGCAGTGTCTGGCTCTGCGC
AGGGCGCATGACTATGAGGTAGCTCAGATGGGAATGCAGATGAGACGCCCATTTGTTTAGAGGTGCCAT
CACGGGTAAGTGTGATAACAGGGCGAAAAGCCTGTCTTGGTCAAGACACAGGCAGGGAAGAACTGAA
AATCACAGCAATGCTTGGTGTCTTGGCTGATGGGAGGAAGTTACCACCGTACATCATTTTGGGGGAACA
TATATCCCCCGGGAAGTTTCCAGTGGGATGGAATTCGCTGCCACCGGTATGGGTGGATGACTGAAG
ACTTGATGCAGGACTGGTTGGAAGTGGTGTGGAGACGAGGACAGGAGCAGTGCCCAAGCAGCGAGGGAT
GCTGATCTTGAATGGCTTCCGGGGCCATGCCACAGATTCGCTGAAGAAGTCCATGGAAGCATGAACACT
GACATGGTGATCATCCAGGGGGTCTGACCTCACAGCTTCAGGTGCTGGATGTCGTGGTCTACAAGCCAC
TGAATGACAGTGTGCGGGCCAGTACTCAACTGGCTTCTGGTGGGAACCTGGCGTGAGCCCAACCGG
GAATGCTAAGAAGCCACCCCTGGGCTCTTCTGGAGTGGTCTGCTGCGTGGAATAGCATCTCAAGT
GAGTCCATCGTCAAGGGTCAAGAAGTCCATATCTCCAGCACTTGGAGGAGGAAGACGATGTCTGT
GGGAAATCGAGAGTGAGTTGCCAGGAGGAGGAACCAAAAGATTGTGACACCGAAAGCATGGCTGA
GAGCAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC222119 protein sequence

Red=Cloning site Green=Tags(s)

 MESTAYPLNLSLKEEEEEIIQSRELEDGPADMQKVRICSEGGWVPALFDEVAIYFSDEEWEVLTEQQKA
LYREVMRMNYETVLSLEFPFPKPDMITRLEGEESQNSDEWQLQGGTSAEENESDVKPPDWPMPNATSQ
FPQPQHFDSEFGLRLPRDITELPEWSEGYPFYAMGFPGYDL SADDIAGKFQFSRGMRRSYDAGFKLMVVE
YAESTNNCQAAKQFGVLEKNVRDWRKVPQLQNAHAMRRAFRGPKNGRFALVDQ RVAEYVRYMQAKGDP
TREAMQLKALEIAQEMNIPEKGFKASLGWCRMMRRYDLSLRHKVPVPQHL PEDLTEKLVTYQRSVLALR
RAHDYEVAQMGNADETPICLEVPSRVTVDNQGEKPVLVKTPGREKLKITAMLGV LADGRKLPPYIILRG
YIPPGKFPSGMEIRCHRYGWMTEDLMDQWLEVVWRRRTGAVPKQRGMLILNGFRGHATDSVKNSMESMNT
DMVIIIPGGLTSQLQVLDVVYKPLNDSVRAQYSNLLAGNLALSPTGNAKKPLGLFLEWVMVAWNSISS
ESIVQGFKKCHISSNLEEDDVLWEIESELPGGGEPPKDCDTE SMAESN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_017542
ORF Size:	1827 bp
Buffer:	PBS with 0.001% Pluronic F8451
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_017542.3</u>
RefSeq Size:	3852 bp
RefSeq ORF:	1830 bp
Locus ID:	57645
UniProt ID:	<u>Q9P215</u>
Cytogenetics:	1q24.1
MW:	69.4 kDa