

Product datasheet for **MR209555A1V**

Mouse Pogk (NM_001142948) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pogk (NM_001142948) AAV Particle
Tag:	Myc-DDK
Symbol:	Pogk
Synonyms:	9130401E23Rik; BASS2; mKIAA1513
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR209555 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGCCGGGCCACAGCCTTCGTCGCCCTTTCGCGCAGCGCCCGCTCGCCGGGAAATGGAGTCCCGGG
CCTACCCTCTGAATTTGACCCTGAAAGAAGAGCAAAAGGAGGAAGAGTTGAGATCCAAGAGTTGGAGGA
TGGCCCATAGATATGCAGAAAGTACAAATCTGCTCAGAAAGCGCATGGGTACCGAGTCTATTTGATGAG
GTGGCCATATATTTCTCAGATGAGGAGTGGGAAGTTCTGACAGAGCAACAAAAGCCCTCTACCGGAAG
TCATGAGGATGAATTATGAGACTGTCTGTCCCTGGAATCCCATTCCCCAAGCCAGATATGATCAATCG
GTTGGAAGGGACGAGGAGTGTCTAATTCTGATGAGTGGCGGCTCCAGGGAGTAACCTTTGCAGAAAAT
GAAGAATCTGACTTTAGGACTCCAGATTGGCAAGCCCGACGAATGCCACCTCCCATTTCTCAACCTC
AGCCCTTCAACAGCTTTGGCCTGCGTCTGCCTCAGGACATCACTGAAGTGCCTGAGTGGACTGAGGGCTA
CCCCTTCTATATGGCCATGGGCTTCCCGGGTATGACCTCTCAGCTGACGACTTGCGCAGCAAGTTTCAG
TTCAGTCGTGGCATGCGCCGCAGTTATGATGCAGGGTTCAAGCTGATGGTGGTGGAGTACGCCGAGAGCA
CCAACAACGTGTAGGCTGCCAAGCAGTTTGGGGTGTGGAAAAAATGTTTCGAGACTGGCGCAAAGTGAA
GCCACAGCTCCAAATGCTCATGCCATGCGCGCGGCATTCCGAGGCCCAAGAATGGAAGGTTTGTCTGT
GTAGACCAGCGAGTGGCTGAGTATGTCAGATACATGCAGGCCAAAGGGGACCCCTATCACTAGGGAGGCAA
TGCAGTTGAAAGCTCTTGAAATCGCCCAAGGAAATGAACATTCAGAGAAAGGGTTCAAGGCAAGTCTGGG
CTGGTGTGCAAGAATGATGAGAAGGTATGACCTGTCTGAGGCATAAAGTGCCAGTCCCTCAACACCTG
GCCGAGGACCTGACTGAAAAGCTTGTCACTTACCAGCAGAGTGTGCTGGCTCTGCGCAGGACACACGACT
ATGAAGTGGCCAGATGGGCAATGCAGACGAGACGCCCATCTGCTTAGAAGTCCCCTCTAGAGTGACTGT
TGACAACCAAGGCGAAAAAGCCCATCTTGGTCAAGACACCAAGGCAGGGAGAAATTGAGGATCACAGCCATG
CTGGGGGTCTTGGCTGATGGGAGGAAGTTACCACCGTACATCATTTTGAGGGGAACATACATCCCCCTG
GGAAGTTTCCAGTGGCATGGAGATCCGCTGCCACCGCTACGGATGGATGACTGAGGACTTGATGCAAGA
CTGTTTGAAGTTGTGTGGAGACGGAAGTGGAGCTGTGCCAGACAGCGAGGGATGCTGATCTGAAT
GGCTTCCGGTGCCATGCCACTGACTCTGTGAAGAGTTCCATGGAGAACATGAACACGGACATGGTGATCA
TCCAGGGGGCTGACCTCCAGCTGCAGGTGCTGGATGTCGTTGTCTACAAGCCTCTGAACGACAGCGT
TCGGGGCCAGTATTCCAAGTGGCTTCTGGCTGGGAACCTGGCACTCAGCCCCACTGTAATGCTAAGAAG
CCCCCCTGGGCTCTTCTGGAGTGGATCATGGTTGCATGGAACAGCATCTCAAGTGAATCAATTGTCC
AGGGGTTTCAGAAAGTGCCACATCTCCAGCAACTTAGAGGACGAAGGTGACGTCTCTGGGAAATCGAGG
CGAGTTGCCAAAGAACCGCCAAAGAATGTGGTCTGAAAGTGTGGCTGAGGGTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209555 protein sequence

Red=Cloning site Green=Tags(s)

 MPGHSLRRPLRRRRLGREMESRAYPLNLTLEEQKEEEVEIQELEDGPIDMQKVQICSEGAWVPALFDE
VAIFYSDEWEVLTEQQKALYREVMRMNYETVLSLEFPFPPKPDMINRLRDEECPNSDEWRLQGVTFDEN
EESDFRTPDWASPTNATSHFPQPPFNSFGLRLPDITELPEWTEGYPFYAMGFPGYDLSADDLASKFQ
FSRGMRRSYDAGFKLMVVEYAESTNNCQAAKQFVLEKNVRDWRKVQQLQNAHAMRRFRGPKNGRFAL
VDQ RVAEYVRYMQAKGDPITREAMQLKALEIAQEMNPEKGFKASLGWCRMMRRYDLRLHKVPVPQHL
AEDLTEKLVTYQQSVLALRRTHDYEAQMGNADETPICLEVPSRVTVDNQGEKPILVKTPGREKLRTAM
LGV LADGRKLPPYIILRGTYIPPQKFPSPGMEIRCHRYGWMTEDLMDQWLEVVWRRRTGAVPRQRGMLILN
GFRCHATDSVKSSMENMNTDMVIIPGGLTSQLQVLDVVVYKPLNDSVRAQYSNWLLAGNLALSPTVNAKK
PPLGLFLEWIMVAWNSISSESIYQFRKCHISSNLEDEGDVLWEIEGELPKEPPKECGPESVAEGD

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_001142948
ORF Size:	1878 bp
Buffer:	PBS with 0.001% Pluronic F660
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_001142948.1, NP_001136420.1</u>
RefSeq Size:	7051 bp
RefSeq ORF:	1881 bp
Locus ID:	71592
UniProt ID:	<u>Q80TC5</u>
Cytogenetics:	1 H2.3
MW:	72 kDa