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Product datasheet for MR213183A1V

Mouse Pogk (NM_175170) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pogk (NM_175170) 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:

>MR213183 representing NM_175170
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAATCTGGAAAACCCAGAAATGGAGTCCCGGGCCTACCCTCTGAATTTGACCCTGAAAGAAGAGCAAA
AGGAGGAAGAGGTTGAGATCCAAGAGTTGGAGGATGGCCCCATAGATATGCAGAAAGTACAAATCTGCTC
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CTGACAGAGCAACAAAAAGCCCTCTACCGGGAAGTCATGAGGATGAATTATGAGACTGTCCTGTCCCTGG
AATTCCCATTCCCCAAGCCAGATATGATCAATCGGTTGGAAAGGGACGAGGAGTGTCCTAATTCTGATGA
GTGGCGGCTCCAGGGAGTAACCTTTGCAGAAAATGAAGAATCTGACTTTAGGACTCCAGATTGGGCAAGC
CCGACGAATGCCACCTCCCATTTTCCTCAACCTCAGCCCTTCAACAGCTTTGGCCTGCGTCTGCCTCAGG
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TCCATGGAGAACATGAACACGGACATGGTGATCATCCCAGGGGGCCTGACCTCCCAGCTGCAGGTGCTGG
ATGTCGTTGTCTACAAGCCTCTGAACGACAGCGTTCGGGCCCAGTATTCCAACTGGCTTCTGGCTGGGAA
CCTGGCACTCAGCCCCACTGGAAATGCTAAGAAGCCCCCCCTGGGCCTCTTCCTGGAGTGGATCATGGTT
GCATGGAACAGCATCTCAAGTGAATCAATTGTCCAGGGGTTCAGAAAGTGCCACATCTCCAGCAACTTAG
AGGACGAAGGTGACGTCCTCTGGGAAATCGAGGGCGAGTTGCCCAAAGAACCGCCAAAAGAATGTGGTCC
TGAAAGTGTGGCTGAGGGTGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR213183 representing NM_175170
Red=Cloning site Green=Tags(s)

MNLENPEMESRAYPLNLTLKEEQKEEEVEIQELEDGPIDMQKVQICSEGAWVPALFDEVAIYFSDEEWEV
LTEQQKALYREVMRMNYETVLSLEFPFPKPDMINRLERDEECPNSDEWRLQGVTFAENEESDFRTPDWAS
PTNATSHFPQPQPFNSFGLRLPQDITELPEWTEGYPFYMAMGFPGYDLSADDLASKFQFSRGMRRSYDAG
FKLMVVEYAESTNNCQAAKQFGVLEKNVRDWRKVKPQLQNAHAMRRAFRGPKNGRFALVDQRVAEYVRYM
QAKGDPITREAMQLKALEIAQEMNIPEKGFKASLGWCRRMMRRYDLSLRHKVPVPQHLAEDLTEKLVTYQ
QSVLALRRTHDYEVAQMGNADETPICLEVPSRVTVDNQGEKPILVKTPGREKLRITAMLGVLADGRKLPP
YIILRGTYIPPGKFPSGMEIRCHRYGWMTEDLMQDWLEVVWRRRTGAVPRQRGMLILNGFRCHATDSVKS
SMENMNTDMVIIPGGLTSQLQVLDVVVYKPLNDSVRAQYSNWLLAGNLALSPTGNAKKPPLGLFLEWIMV
AWNSISSESIVQGFRKCHISSNLEDEGDVLWEIEGELPKEPPKECGPESVAEGD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype:	AAV-2
ACCN:	NM_175170
ORF Size:	1842 bp
Buffer:	PBS with 0.001% Pluronic F2053
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_175170.4, NP_780379.2
RefSeq Size:	7385 bp
RefSeq ORF:	1845 bp
Locus ID:	71592
UniProt ID:	Q80TC5
Cytogenetics:	1 H2.3
MW:	70.9 kDa