

Product datasheet for **MR222974A1V**

Mouse Gata6 (NM_010258) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gata6 (NM_010258) AAV Particle
Tag:	Myc-DDK
Symbol:	Gata6
Synonyms:	AA410133; GATA-6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR222974 representing NM_010258
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCCTTGACTGACGGCGGCTGGTGCCTGCCAAAGCGTTTCGGGGCTGCTGCTGCGGACGCCGGCGACT
 CCGGGCCCTTTCCAGCGCGGGAGCCCTCCTCGCCGCTTTCCCCATCTCGTCTTCGTCCTCCTGCTC
 CCGGGCGGGGATCGCGGTCCCTGCGGCGCCAGCAACTGCAGGACGCCGAGCTCGACGCCGAGGCGGTG
 GCGGGACCTCCGGGCGCTCGCTCTTGCTCAGCCCTACGCTCGCATCCCTTCGCCGCTGCCACGGAG
 CCGCGGCGCCGGGTGCGAGGCCCCGGGAGCGCCCTGTCGACTTGGGAGGACCTGTTGCTTTCACTGA
 CCTCGATCAGGCCGACCGCCAGCAAGCTGTTGTGGTCCAGCCGGGGCGCCAACTGAGCCCTTCGCG
 GCCGAGCAGCCGAGGAAATGTACCAGACCTCGCCGCCCTGTCCAGCCAGGGGCCGCCGCTTACGACG
 GCGCGCCCGGCGCTTCGTGACTCCGAGCGGCGGCGCCGCTGCCGCCGCGGAGCCAGCTCCCCGT
 CTACGTGCCACACGCGCTGGGCTCCATGCTGTCCGGCTGCCCTACCTTCAAGGGCGGGCAGCGGG
 CCCAGCAATCACGCGGGCGGAGCGGGTCCCACCCAGGCTGGTCCCAGGCTCCGCCGACAGCCCCCGT
 ATGGCGGGGTGGCGCAGCCGGCGGCGCGCGCGGCGGAGCTGGAGGTGCGGGATCGGCTACGGCCACGC
 CTCTGCACGCTTTCCCTACTCGCCAGCCGCCCATGGCCAACGGCGCCGCGGAGACCCGGGGGTAC
 GTGGTTCGGGCGGCACGGGCGCAGGAGTGTGAGTGGAGGTGGCGGAGCCTGGCGGCCATGGGTGGCC
 GGGAGCACCAGTACAGCTCGCTGTCGAGCTCGGCCGCTGAACGGAACGTACCACCACCACCATACCA
 TCACCCGACCTACTCGCCCTACATGGCCGACCGCTGACTCCTGCCTGGCCAGCAGGACCTTCGAAACG
 CCGGTGCTCCACAGCTTACAGGGCCGCGCGGAGCTCCACTCCCGGTGCCACGGGGCCCCAGCACAGACC
 TGTGGAGGAGCTGTCGAGAGCCGCGAGTGCCTGAACGCGGCTCCATCCAGACGCCACTGTGGAGACG
 AGACGGCACCGGTCATTACCTGTGAATGCATGCGGTCTCTACAGCAAGATGAATGGCCTCAGCAGGCC
 CTCATCAAGCCACAGAAGCGCTGCCTTCATCACGCGGCTTGAGTGTCTGTGCCAACTGTACACCA
 CAACCACTACCTATGGCGTAGAAATGCTGAGGCTGAGCTGTGTGAATGCTTGCGGGCTCTATATGAA
 ACTCCATGGGGTGCCTCGACCACTTGCTATGAAAAAGAAGGAATTCAAACAGGAAACGAAACCTAA
 AATATAAATAAGTCAAAAGCTTGCTCCGGTAACAGCAGTGGCTCTGTCCCTATGACTCCTACTTCTCT
 CTTCTAATTGAGTACTGCACAAAAATACTTCTCTCTACACAAGCGACCACTCAGGGGTAGGGG
 ATCAGTGATGTCTGAGTGGGAGAAACGCCAACCCGAGAACAGTACCTCAAGTATTCAGGTCAAGAC
 GGCCTCTACATAGGTGTAGTCTGTCTCCCTGCCGAAGTACATCCTCCGTGCGACAGGATTCTTGGT
 GTGCTCTGGCCCTGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MALTDGGWCLPKRFGAAAADAGDSGPFPAEPSSPLSPISSSSSSCSRGDRGPCGASNCRTPLDAEAV
 AGPPGRSLLLSPYASHPFAAAHGAAPGVAGPGSALSTWEDLLLFTDLDAQATASKLLWSSRGAKLSPFA
 AEQPEEMYQTLAALSSQGPAAVDGAPGGFVHSAASAAAAAASSPVYVPTTRVGSMLSGLPYLQAGSG
 PSNHAGGAGAHPGWSQASADSPYGGGAAGGAAGPGGAGSATAHASARFPYSPSPPMANGAARDPGGY
 VAAGGTGAGSVSGGGSLAAMGGREHQYSSL SAARPLNGTYHHHHHHHTYSPYMAAPLTPAWPAGPFET
 PVLHSLQGRAGAPLPVPRGPSTDLLLEDLSESECVNCGSIQTPLWRRDGTGHYLCNACGLYSKMNGLSRP
 LIKPQKRVPSRRLGLSCANCHTTTTLWRRNAEGEPVCNACGLYMKLHGVPRPLAMKKEGIQTRKRKPK
 NINKSKACSGNSSGVPMTPTSSSNSDDCTKNTSPSTQATTSGVGASVMSAVGENANPENSCLKYSQD
 GLYIGVSLSSPAEVTSSVRQDSWCALALA

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_010258
ORF Size:	1767 bp
Buffer:	PBS with 0.001% Pluronic F3492
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_010258.3</u> , <u>NP_034388.2</u>
RefSeq Size:	3194 bp
RefSeq ORF:	1770 bp
Locus ID:	14465
UniProt ID:	<u>Q61169</u>
Cytogenetics:	18 5.63 cM
MW:	59.8 kDa