

Product datasheet for **MR227022A1V**

Mouse Gata4 (NM_008092) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gata4 (NM_008092) AAV Particle
Tag:	Myc-DDK
Symbol:	Gata4
Synonyms:	Gata-4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR227022 representing NM_008092 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTACCAAAGCCTGGCCATGGCCGCCAACACGGCCCCCGCCGGCGCCTACGAAGCAGGTGGCCCTG
GCGCCTTCATGCACAGCGCGGGCGCCGCTCCTCGCCCGTCTACGTGCCCACTCCGCGGGTGCCGTCCTC
TGTGCTGGGCTGTCTACCTGCAGGGCGGTGGCAGTGCCGCTGCAGCTGGAACCACTCCGGTGGCAGC
TCCGGGGCGGCCCGTCCGGTGGGGGCTGGGACCAAGCAGGGTAGCCCTGGCTGGAGCAAGCTGGAG
CCGAGGGAGCCGCTACACCCCGCCCGCTGTCCCGCGCTTCTCTTTCCCGGGGACTACTGGTCCCT
GGCGGCCGCTGCCGCGCTGCCGACGCCGGAAGCTGCAGCCTACGGCAGTGGCGCGGGCGGGCGGGC
GCTGGTCTGGCTGGCCGAGAGCAGTACGGGCGTCCGGGCTTCGCCGGCTCCTACTCCAGCCCCTACCCAG
CCTACATGGCCGACGTGGGAGCATCCTGGGCGCAGCCGCTGCCGCTCTGCCGGCCCCTTCGACAGCCC
AGTCTGCACAGCCTGCCTGGACGGCCAACCTGGAAGACACCCCAATCTCGATATGTTTGATGACTTC
TCAGAAGGCAGAGAGTGTGTCAATTGTGGGGCCATGTCCACCCCACTCTGGAGGCGAGATGGGACGGGAC
ACTACCTGTGAATGCCTGTGGCCTCTATCACAAGATGAACGGCATCAACCGGCCCTCATTAAAGCTCA
GCGCCGCTGTCCGCTTCCCGCCGGGTAGGCCCTCTCCTGTGCCAACTGCCAGACTACCACCACACGCTG
TGGCGTCGTAATGCCGAGGGTGAGCCTGTATGTAATGCCTGCGGCCTCTACATGAAGCTCCATGGGGTTC
CCAGGCCCTCTTGAATGCGGAAGGAGGGGATTCAAACAGAAAACGGAAGCCCAAGAACCTGAATAAATC
TAAGAGCCAGCAGGTCTGCTGGTGAGACCCTCCCTCCCTCCAGTGGTGCCTCCAGCGGTAACCTCCAGC
AATGCCACTAGCAGCAGCAGCAGCAGTGAAGAGATGCGCCCATCAAGACAGAGCCCGGGCTGTCTCTC
ACTATGGGCACAGCAGCTCCATGTCCCAGACATTCACTACTGTGTCCGGCCACGGGCCCTCCATCCATCC
AGTGCTGTCTGCTCTGAAGCTGTCCCAAGGCTATGCATCTCCTGTCACTCAGACATCGCAGGCCAGC
TCCAAGCAGGACTCTTGAACAGCCTGGTCTGGCTGACAGTCATGGGACATAATCACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR227022 representing NM_008092 Red=Cloning site Green=Tags(s) MYQSLAMAANHGPPPGAYEAGGPGAFMHSAGAASSPVYVPTPRVPSSVLGLSYLQGGGSAAAAGTTSGGS SGAGPSGAGPGTQQGSPGWSQAGAEGAAYTPPVSPRFSFPGTTGSLAAAAAAAAAREAAAYGSGGGAAG AGLAGREQYGRPGFAGSYSSPYPAYMADVGASWAAAAASAGPFDSPVLHSLPGRANPGRHPNLDMFDDF SEGREC VNCGAMSTPLWRRDGTGHYLCNACGLYHKMNGINRPLIKPQRRLSASRRVGLSCANCQTTTTTL WRRNAEGEPVCNACGLYMKLHGVPRLAMRKEGIQTRKRKPKNLNKS KTPAGPAGETLPPSSGASSGNSS NATSSSSSSEEMRPIKTEPGLSSHGHSSSMSQTFSTVSGHGPSIHPVLSALKLSPQGYASPTQTSQAS SKQDSWNSLVLADSHGDIITA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_008092
ORF Size:	1323 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_008092.3, NP_032118.2</u>
RefSeq Size:	3393 bp
RefSeq ORF:	1326 bp
Locus ID:	14463
UniProt ID:	<u>Q08369</u>
Cytogenetics:	14 33.24 cM
MW:	44.6 kDa