

Product datasheet for **RC220721A1V**

Human GATA6 (NM_005257) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GATA6 (NM_005257) AAV Particle
Tag:	Myc-DDK
Symbol:	GATA6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC220721 representing NM_005257
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCCTTGACTGACGGCGGCTGGTGCTTGCCGAAGCGCTTCGGGGCCGCGGGTCCGGACGCCAGCGACT
 CCAGAGCCTTTCCAGCGCGGGAGCCCTCCAGCCGCTTCCCCATCTCTCCTCGTCTCCTCCTGCTC
 CCGGGGCGGAGAGCGGGCCCCGGCGGCCAGCAACTCGGGACGCTCAGCTCGACACGGAGGCGGCG
 GCCGGACCCCCGGCCGCTCGCTGCTGCTCAGTTCCTACGCTTCGCATCCCTTCGGGGCTCCCCACGGAC
 CTTGGCGCCTGGGGTCCGGGGCCCCGGGGCAACCTGTCGAGCTGGGAGGACTTGCTGCTGTTCACTGA
 CCTCGACCAAGCCGACCGCCAGCAAGCTGCTGTGGTCCAGCCGCGGCCAAGCTGAGCCCTTCGCA
 CCCGAGCAGCCGAGGAGATGTACCAGACCTCGCCGCTCTCTCCAGCCAGGGTCCGGCCGCTACGACG
 GCGGCCCGGGGCTTCGTGACTCTGCGGCCGCGGCGGAGCAGCCGCGGGCGGCCAGCTCCCCGGT
 CTACGTGCCACCAACCCGCTGGGTTCATGCTGCCCGGCTACCGTACCACCTGCAGGGGTTCGGCAGT
 GGGCCAGCAACCAACGCGGGCGCGCGGCGCGCACCCGGCTGGCCTCAGGCCCTCGGCCGACAGCCCTC
 CATACGCGAGCGAGGCGGCGCGGCTGGCGGCGGGGCCGCGGGGCTGGCGGCGCTGGCTCAGCCGCGGC
 GCACGTCTCGGCGCGCTTCCCCTACTCTCCAGCCGCCCATGGCCAACGGCGCCGCGCGGGAGCCGGGA
 GGCTACGCGGCGCGGCGAGTGGGGGCGCGGAGGCGTGAGCGGCGGCGGCGAGTGCCTGGCGGCCATGG
 GCGGCCGCGAGCCCCAGTACAGTCTGCTGTCGGCCGCGCGGCCGCTGAACGGGACGTACCACCACCACCA
 CCACCACCACCACCACCATCCGAGCCCCCTACTCGCCCTACGTGGGGGCGCCACTGACGCTGCCTGGCCC
 GCCGACCCCTTCGAGACCCCGGTGCTGCACAGCCTGCAGAGCCGCGCGGAGCCCCGCTCCCGGTGCCCC
 GGGGTCCAGTGCAGACCTGCTGGAGGACCTGTCCGAGAGCCGCGAGTGCCTGAAGTGCCTGCCTCCATCCA
 GACGCCCTGTGGCGGCGGAGCGGCACCGGCCACTACCTGTGCAACGCTGCGGGCTCTACAGCAAGATG
 AACGGCCTCAGCGGCCCTCATCAAGCCGAGAAGCGCGTGCCTTCATCAGCGCGCTTGGATTGCTCT
 GTGCCAAGTGTACACCACAACCTACCACCTTATGGCGCAGAAACGCCGAGGGTGAACCCGTGTGAATGC
 TTGTGGACTCTACATGAACTCCATGGGGTCCCAGACCACTTGTATGAAAAAGAGGAATTCAAACC
 AGGAAACGAAACCTAAGAACATAAATAAATCAAAGACTTGCTCTGTAATAGCAATAATTCCATTCCCA
 TGACTCCAACCTCCACCTCTTCTAACTCAGATGATTGCAGCAAAATACTTCCCCACAACACACCTAC
 AGCCTCAGGGGCGGGTCCCCGGTGATGACTGGTGGGAGAGAGACCAATCCCAGAACAGCGAGCTC
 AAGTATTCGGGTCAAGATGGGCTCTACATAGGCGTCAGTCTCGCCTCGCCGCCGAAGTCAGTCTCCG
 TCGCAGCGGATTCTGTGCGCCTGGCCTGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MALTDGGWCLPKRFGAAGADASDRAPFAPREPSTPPSPISSSSSSSSRGGERPGGASNCGTPQLDTEAA
 AGPPARSLLLSSYASHPFGAPHGPSAPGVAGPGNLSWEDLLFTDLQAATASKLLWSSRGAKLSPFA
 PEQPEEMYQTLAALSSQGPAAAYDGAPGGFVHSAASAAAAAASPVYPTTRVGSMLPGLPYHLQSGS
 GPANHAGGAGAHGPWPQASADSPPYSGGGGAAGGAAGPGGAGSAAAHVSARFPYSPSPPMANGAAREPG
 GYAAAGSGGAGGVSGGSSLAAMGGREPQYSSLAAARPLNGTYHHHHHHHHHPSPYSPYVGAPLTPAWP
 AGPFETPVLHSLQSRAGAPLPVPRGPSADLLEDLSESRECVNCGSIQTPLWRRDGTGHYLCNACGLYSKM
 NGLSRPLIKPQKRVPSRRLGLSCANCHTTTTLWRRNAEGEPVCNACGLYMKLHGVPRPLAMKKEGIQT
 RKRKPKNINKSKTCSGNSNNSIPMTPTSTSSNDDCSKNTSPTTQPTASGAGAPVMTGAGESTNPENSEL
 KYSGQDGLYIGVSLASPAEVTSSVRPDSWCALALA

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_005257
ORF Size:	1785 bp
Buffer:	PBS with 0.001% Pluronic F8220
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_005257.3</u>
RefSeq Size:	3494 bp
RefSeq ORF:	1788 bp
Locus ID:	2627
UniProt ID:	<u>Q92908</u>
Cytogenetics:	18q11.2
MW:	59.9 kDa