

Product datasheet for **RC211904A1V**

Human GATA3 (NM_001002295) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GATA3 (NM_001002295) AAV Particle
Tag:	Myc-DDK
Symbol:	GATA3
Synonyms:	HDR; HDRS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC211904 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGTGACGGCGGACCAGCCGCGCTGGGTGAGCCACCACCACCCGCGCTGCTCAACGGGCAGCACC
 CGGACACGCACCAACCGGGCCTCAGCCACTCCTACATGGACGCGCGCAGTACCCGCTGCCGGAGGAGGT
 GGATGTGCTTTTAAACATCGACGGTCAAGGCAACCACGTCCCGCCCTACTACGGAACTCGGTACAGGGCC
 ACGGTGCAGAGGTACCTCCGACCCACCACGGGAGCCAGGTGTGCCGCCCGCCTCTGTTTCATGGATCCC
 TACCCTGGCTGGACGGCGGAAAGCCCTGGGACGCCACCACACCGCCTCCCCCTGGAATCTCAGCCCTT
 CTCAAAGACGTCCATCCACCACGGCTCCCGGGGCCCTCTCCGTCTACCCCGCGCCTCGTCTCTCTCC
 TTGTGGGGGGCCAGCCAGCCGCACCTCTTACCTTCCCGCCACCCGCGGAAGGACGTCTCCCGG
 ACCCATCGCTGTCCACCCAGGCTCGGCCGGCTCGGCCGGCAGGACGAGAAAGAGTGCCTCAAGTACCA
 GGTGCCCTGCCGACAGCATGAAGCTGGAGTGTCCACTCCCGTGGCAGCATGACCGCCTGGGTGGA
 GCCTCCTCGTCGACCCACCCCATCACCACTACCCGCCCTACGTGCCCGAGTACAGCTCCGGACTCT
 TCCCCCCCAGCAGCCTGCTGGGCGGCTCCCCACCGGCTTCGGATGCAAGTCCAGGCCCAAGGCCCGGTC
 CAGCACAGAAGGCAGGGAGTGTGTGAAGTGTGGGGCAACCTCGACCCCACTGTGGCGGCGAGATGGCAG
 GGACACTACCTGTGCAACGCCTGCGGGCTCTATCACAAATGAACGGACAGAACCGGCCCTCATTAAGC
 CCAAGCGAAGGCTGTCTGCAGCCAGGAGCAGGGACGTCTGTGCAACTGTCAGACCACCACAACCAC
 ACTCTGGAGGAGGAATGCCAATGGGGACCCTGTCTGCAATGCCTGTGGGCTCTACTACAAGCTTCACAAT
 ATTAACAGACCCCTGACTATGAAGAAGGAAGGCATCCAGACCAGAAACCGAAAAATGTCTAGCAAATCCA
 AAAAGTGCAAAAAGTGCATGACTCACTGGAGGACTTCCCAAGAACAGCTCGTTAACCCGGCCGCCCT
 CTCCAGACACATGTCTCCTGAGCCACATCTCGCCCTTCAGCCACTCCAGCCACATGCTGACCACGCC
 ACGCCGATGCACCCGCCATCCAGCCTGTCTTTGGACCACACCACCCCTCCAGCATGGTACCGCCATGG
 GT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211904 protein sequence
 Red=Cloning site Green=Tags(s)

MEVTADQPRWVSHHHPAVLNGQHPDTHHPGLSHSYMDAAQYPLPEEVDVLFNIDGQGNHVPYYPYGNVRA
 TVQRYPPTHHGSQVCRPPLLHGSLPWL DGGKALGSHHTASPWNLSPF SKTSIHHGSPGPLSVYPPASSSS
 LSGGHASPHLFTFPPTPPKDVSPDPSLSTPGSAGSARQDEKECLKYQVPLPDSMKLESSHSRGSMTALGG
 ASSSTHHPIITTYPPYVPEYSSGLFPPSSLLGGSPTGFGCKSRPKARSSTEGRECVNCGATSTPLWRRDGT
 GHYLCNACGLYHKMNGQNRPLIKPKRRLSAARRAGTSCANCQT TTTTLWRRNANGDPVCNACGLYYKLHN
 INRPLTMKKEGIQTRNRKMSSSKKCKKVHDSLEDFPKNSSFNPAALSRHMSSLSHISPFSSSHMLTTP
 TPMHPPSSLFSGPHHPSSMVTAMG

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001002295

ORF Size:

1332 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_001002295.1</u>
RefSeq Size:	3070 bp
RefSeq ORF:	1335 bp
Locus ID:	2625
UniProt ID:	<u>P23771</u>
Cytogenetics:	10p14
MW:	48 kDa