

Product datasheet for RC227514A1V

Human GATA2 (NM_001145662) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	GATA2
Synonyms:	DCML; IMD21; MONOMAC; NFE1B
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC227514 representing NM_001145662
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGTGGCGCCGGAGCAGCCGCGCTGGATGGCGCACCCGGCCGTGCTGAATGCGCAGCACCCCGACT
CACACCACCGGGCTGGCGCACTACATGGAACCCGCGCAGCTGCTGCCTCCAGACGAGGTGGACGT
CTTCTTCAATCACCTCGACTCGCAGGGCAACCCCTACTATGCCAACCCCGCTCACGCGGGGCGCGCTC
TCCTACAGCCCCGCGCAGCCCCGCTGACCGGAGGCCAGATGTGCCGCCACACTTGTTCACAGCCCCG
GTTTGGCCCTGGCTGGACGGGGCAAGCAGCCCTCTCTGCCGCTGCGGCCACCACCACAACCCCTGGAC
CGTGAGCCCCCTTCTCAAGACGCCACTGCACCCCTCAGCTGCTGGAGGCCCTGGAGGCCACTCTCTGTG
TACCCAGGGGCTGGGGGTGGGAGCGGGGAGGCAGCGGGAGCTCAGTGGCCTCCCTCACCCCTACAGCAG
CCCACTCTGGCTCCACCTTTTCGGCTTCCACCCACGCCACCCAAAGAAGTGTCTCCTGACCCCTAGCAC
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GTCAAGTACCAGGTGCTACTGACGGAGAGCATGAAGATGGAAGTGGCAGTCCCCTGCGCCAGGCCTAG
CTACTATGGGCACCCAGCCTGTACACACCACCCCATCCCACTACCCCTCCTATGTGCCGGCGGCTGC
CCACGACTACAGCAGCGGACTCTTCCACCCCGGAGGCTTCTTGGGGGACCGGCCTCCAGCTTACCCCT
AAGCAGCGCAGCAAGGCTCGTTCCTGTTTCAAGAGCGGGAGTGTGTCACTGTGGGGCCACAGCCACCC
CTCTCTGGCGGGGACGGCACCAGCCACTACCTGTGCAATGCCTGTGGCCTTACCACAAGATGAATGG
GCAGAACCGACCACTCATCAAGCCCAAGCGAAGACTGACGACAACCAACCTTATGGCGCCGAAACGCC
AACGGGGACCTGTCTGCAACGCTGTGGCCTCTACTACAAGCTGCACAATGTTAACAGGCCACTGACCA
TGAAGAAGGAAGGATCCAGACTCGGAACCGGAAGATGTCCAACAGTCCAAGAAGCAAGAAAGGGGC
GGAGTGCTTCGAGGAGTGTCAAAGTGCATGCAGGAGAAGTATCCCCCTTCACTGCAGCTGCCCTGGCT
GGACACATGGCACCTGTGGGCACCTCCCGCCCTTCAAGCACTCCGGACACATCCTGCCACTCCGACGC
CCATCCACCCCTCTCCAGCCTCTCCTTCGGCCACCCCAACCGTCCAGCATGGTGACCGCCATGGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGTTTAA



Protein Sequence:	>RC227514 representing NM_001145662 Red=Cloning site Green=Tags(s) MEVAPEQPRWMAHPAVLNAQHPDSSHHPGLAHNYMEPAQLLPDDEVDFVFNHLD SQGNPYYANPAHARARV SYSPA HARLTGGQMCRPHLLHSPGLPWL DGGKAAL SAAAAHHHNPWTVSPF SKTPLHPSAAGGPGGPLSV YPGAGGGSGGGSGSSVASLTPTAAHSGSHLFGFPPTPPKEVSPDPSTTGAASPASSAGGSAARGEDKDG VKYQVSLTESMKMESGSPLRPGLATMGTPATHHP IPTPSYVPAAAHDYSSGLFHPGGFLGGPASSFTP KQRSKARSCSEGRCVNCGATATPLWRRDGTGHYLCNACGLYHKMNGQNRPLIKPKRRLTTTTTLWRRNA NGDPVCNACGLYYKLHNVRPLTMKKEGIQTRNRKMSNKS KSKKGAECFEELSKCMQEKSSPFSAAALA GHMAPVGHLPF SHSGHILPTPTPIHPSSSL SFGHPHPSSMVTAMG TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001145662
ORF Size:	1398 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_001145662.1, NP_001139134.1</u>
RefSeq ORF:	1401 bp
Locus ID:	2624
UniProt ID:	<u>P23769</u>
Cytogenetics:	3q21.3
MW:	48.9 kDa