

Product datasheet for **MR209524A1V**

Mouse Nfatc2 (BC064006) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Nfatc2 (BC064006) AAV Particle
Tag:	Myc-DDK
Symbol:	Nfatc2
Synonyms:	NFAT1, NFAT1-D
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209524 representing BC064006
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGTCCCGAGCCGACGCCGACCCCGATGGCGGGACGCCCCGCCACGAGCCCGGGGCAGTC
 CCCAAGACGAGCTGGACTTTTCCATCCTCTCGATTATGACTATCTGAACCTATCGAAGAAGAACCGAT
 CGCACATAAGGCCATCAGCTCACCTCCGACTCGCATACCGGATGATGTCCTGGACTATGGCCTCAAG
 CCATGCAACCCCTTGCCAGTCTCTCTGGCGAGCCCCCTGGCCGGTTCGAGAGCCGGATAGTATAGGGT
 TCCAGAACTTTCTGAGCCCGGTCAAGCCAGCAGGGGCTTCGGGCCGAGCCCTCGGATCGAGATCACTCC
 ATCCCACGAACTGATGCAGGCAGGGGGGCCCTCCGTGGGAGAGACGCCGGCCTGTCCCCGAGCAGCCG
 GCCCTGGCCCTGGCCGGCTGGCCGCCAGCCGAGGTTACACTGCCCGTGCCCGGTACGAGGGCTACC
 GCGAGCCGCTTTGCTTGAGCCCCGTAGCAGCGGCTCCTCTGCCAGTTTCAATTTCTGACACCTTCTCCCC
 CTACACCTCGCCCTGCGTCTACCCAATAACGCCGGGCCGACGACCTGTGTCCCAAGTTTCAAAACATC
 CCTGCTCATTATCCCCCAGAACCTCTCCAATAATGTCACCTCGAACCAGCCTCGCCGAGGACAGCTGCC
 TGGGCCGACACTCGCCCGTGCCCGTCCGGCATCCCGCTCCTCTCACCCGGTGCCAAGCGGAGGATTC
 GTGCGCAGAGGCTTTGGTTGCTCCTCTGCCCGCAGCCTCACCCAGCGCTCCCGGAGCCCTCGCCACAG
 CCCTCGCTCAGTGGCACTGCAGGACGACAGCATCCCCGCTGGGTACCCCCACGCGCCGGCTCTGCTG
 TTCTCATGGATGCCCTCAACACCTGGCCACCGACTCGCCCTGCGGGATCCCCCTCAAGATATGGAAGAC
 CAGTCTGACCCGACGCTGTGTCCACCGCTCCGTCCAAGGCTGGCTGGCCGCCACATCTACCTACT
 GTGGAGTTCCTGGGGCATGTGAGCAGGAGGAGAGGAGGAATTCGCTCCAGAGTCCATCCTGCTGGTAC
 CACCTACTTGGCCCAAGCAGTTGGTGGCGCCATTCCCATCTGCAGCATCCCTGTGACTGCATCCCTCCC
 ACCACTCGAGTGGCCACTCTCCAATCAGTCGGGCTCCTATGAGCTACGGATTGAGGTCCAACCCAAGCCC
 CATCACCGGGCCACTATGAGACGAGGGCAGCCGTGGCGCTGTCAAAGCCCCAACAGGAGGACACCCTG
 TGGTGCAGCTCCACGGCTACATGGAGAACAAGCCTCTGGGGCTTCAGATCTTCATTGGGACAGCAGATGA
 GAGGATCCTTAAGCCGCACGCTTCTACCAAGTACACAGGATCACTGGGAAAACGGTCACCACCACGAGC
 TATGAGAAGATCGTAGGCAACACCAAGTCTGGAGATCCCCCTGGAGCCAAAGAACAACATGAGAGCCA
 CCATCGACTGTGACGGCATCCTGAAGCTCCGAAACGCTGACATCGAGCTGCGGAAGGGCGAGACGGACAT
 CGGCAGGAAGAACACGCGTGTGCGCCTGGTGTCCGCTGCACGTCCAGAGCCAGTGGGCGCATCGTC
 TCCCTGCAGGCTGCGTCAACCCCATCGAGTGTGTAAGTCAGGGCTGAGGAAGGGGCATGTGAGCATCC
 CCCCTGGGCAGGTGACCTGCAGGAATCCACCGTCTGTGGTGACCCAAAGGGCAGACACTGTGCCAGGT
 TTTGATGTCTGCTTCTGTCTGCTGTGGAGACTTCTCTCAGGAATAAAACA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MDVPEPQDPDPDGGDPGHEPGGSPQDELDFSILFDYDYLNPIDEEPIAHKAISSPSGLAYPDDVLDYGLK
 PCNPLASLSGEPPGRFGEPDSIGFQNFLSPVKPAGASGPSRIEITPSHELMQAGGALRGRDAGLSPEQP
 ALALAGVAASPRFTLPVPGYEGYREPLCLSPASSGSSASFISDTFSPYTPCVSPNNAGPDDLCPQFQNI
 PAHYSPTSPIMSPRTSLAEDSCLGRHSPVPRPASRSSPGAKRRHSCEALVAPLPAASPQRSRSPSPQ
 PSPHVALQDSSIPAGYPPTAGSAVLMALNTLATDSPCGIPSKIWKTSPTPTPVSTAPSKAGLARHIYPT
 VEFLGPCEQEERRNSAPESILLVPPTWPKQLVPAIPICIPVTASLPLEWPLSNQSGSYELRIEVQPKP
 HHRAYETEGSRGAVKAPTGGHPVVQLHGYMENKPLGLQIFIGTADERILKPHAFYQVHRITGKTVTTTS
 YEKIVGNTKVLEIPLEPKNNMRATIDCAGILKLRNADIELRKGETDIGRKNTRVRLVFRVHVPEPSGRIV
 SLQAASNPIECKSGLRKGHVSIPPGQVTCRNPVCGDPKGRHCAQVLMASVCLWRLLSGNKT

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	BC064006
ORF Size:	1872 bp
Buffer:	PBS with 0.001% Pluronic F629
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>BC064006.1</u>
RefSeq Size:	2080 bp
RefSeq ORF:	1874 bp
Locus ID:	18019
Cytogenetics:	2 88.91 cM
MW:	76.2 kDa