

Product datasheet for **MR210848A1V**

Mouse Nfatc1 (NM_198429) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Nfatc1 (NM_198429) AAV Particle
Tag:	Myc-DDK
Symbol:	Nfatc1
Synonyms:	2210017P03Rik; AI449492; AV076380; NF-ATc; NFAT2; NFATc; Nfatcb
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210848 representing NM_198429
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAAGTACCAGCTTTCCAGTCCCTTCCAAGTTTCCACTCGGCCCTCCGGCCGCAGTCTGCGGGAGCG
 GAGAACTTTGCGGCCCGCGCCGCCCTCCGGCGGCACCATGAAGCGGCCGAGGAAGAACAACACTACAGTTA
 TGTGTCCCTAGTGTCACCTCGACCCTGCCCTTCCCACAGCACACTCTGCCTTGCCAGCAGCATGCCAC
 GACCTCCAGACGTCCACCCGGGTATCTCAGCTGTTCTTCCAGCAATCATCCCCCAGTTACGGAGGGG
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 CCTGAAGCTCAGAACTCTGATATTGAGCTGAGGAAAGGGGAGACAGACATCGGGAGGAAGAACCAGG
 GTGAGGCTGGTCTTCGAGTTACATCCACAGCCCAATGGCCGGACGCTGTCTCTCAGGTGGCCTCGA
 ACCCTATCGAGTGTTCCAGCGGTACGCCAGGAGCTGCCCTCGTGGAGAAGCAGAGCAGACAGCTA
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 GTGGAGAAGGCTCCAGATGGCCACCACGTCTGGGAGATGGAAGCAAAGACTGACCGGGACCTGTGCAAGC
 CAAATTCCTGGTGGTTGAGATACCACCTTTCCGCAACCAGAGGATAACCAGCCCCGTCCAAGTCAGTTT
 CTATGTCTGCAACGGGAACGGAAGAGAAGCCAGTACCAGCGTTTCACGTACCTTCTGCCAATGTTCCA
 ATTATAAAGACAGAACCCACGGACGACTTTGAGCCAGCTCTGACCTGTGGACCAATGAGCCAGGGGATTA
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 GACCTTCTCTCTGCTACACCAAGGGCTCACCAACCCGGGCCACAGTGGTACCTTGGACTTCAGC
 CACCCGCTTCGGAGGCCCCACCATGCAGGAAGTGCCGAGACCATGGCCATCCAACCAACTCGCTGA
 GCAGCCCCATCCGACAGGCTACAGCCGAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210848 representing NM_198429 Red=Cloning site Green=Tags(s) MPSTSFVPVPSKFPLGPPAAVCGSGETLRPAPPSGGTMKAAEEHHYSYVSPSVTSTLPLPTAHSALPAACH DLQTSTPGISAVPSANHPPSYGGAVDSGPGSYFLSSGNTRPNGAPTLESPRIEITSYLGLHHGSGQFFHD VEVEDVLPSCKRSPSTATLHLPSEAYRDPSCLSPASSLSSRSCNSEASSYESNYSYPYASPQTSPWQSP CVSPKTTDPEEGFPRSLGACHLLGSPRHSPSTSPRASITEESWLGARGSRPTSPCNKRKYSNLGRQPSCS PHHSPTSPHGSPPRVSVTETDWTGNTTQYTSSAIVAAINALTTDSTLDLGDGVPIKSRKTALEHAPSVAL KVEPAGEDLGTTPTSDFPPEEYTFQHLRKGAFCQYLSVPQASYQWAKPKSLSPSYMSPSLPALDWQL PSHSGPYELRIEVQPKSHHRAHYETEGSRGAVKASAGGHPIVQLHGYLENEPLTLQLFIGTADDRLLRPH AFYQVHRITGKTVSTTSHEIILSNTKVLEIPLPENNMRAIIDCAGILKLRNSDIELRKGETDIGRKNTR VRLVFRVHIPQPNGRTLSQLVASNPIEQSQRSAQELPLVEKQSTDSYPVIGGKKMVLSGHNFLQDSKVIF VEKAPDGHVWEMEAKTDRDLCKPNSLVVEIPFRNQRTSPVQVSFYVCNGKRKRSQYQRFTYLPANVP IIKTEPTDDFEPALTCGPMSQGISPLRPYYSQLTMPPDPGSCLVAGFAPCSQRNTLMPTPPNASPKLH DLSSPAYTKGLTNPGHSGHLGLQPPASEATMQEVPRPMAIQPNSPEQPPSARLQPQ SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_198429
ORF Size:	2481 bp
Buffer:	PBS with 0.001% Pluronic F1924
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_198429.2, NP_940821.1</u>
RefSeq Size:	4607 bp
RefSeq ORF:	2484 bp
Locus ID:	18018
Cytogenetics:	18 53.66 cM
MW:	89.9 kDa