

Product datasheet for **RC211136A1V**

Human NFAT2 (NFATC1) (NM_172390) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human NFAT2 (NFATC1) (NM_172390) AAV Particle
Tag:	Myc-DDK
Symbol:	NFATC1
Synonyms:	NF-ATC; NF-ATc1.2; NFAT2; NFATc
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211136 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCAAGCACCAGCTTTCCAGTCCCTTCCAAGTTTCACTTGGCCCTGCGGCTGCGGTCTTCGGGAGAG
GAGAACTTTGGGGCCCGCGCCGCGCGCGCGGCACCATGAAGTCAGCGGAGGAAGAACAATATGGCTA
TGCATCTCCAAAGTCAGCCCCGCCCTGCCGCTCCCCACGGCGCACTCCACCCTGCCGGCCCCGTGCCAC
AACCTTCAGACCTCCACACCGGGCATCATCCCGCCGGCGGATACCCCTCGGGGTACGGGGCAGCTTTGG
ACGGTGGGCCCCGGGCTACTTCTCTCTCCGCCACACAGGCCTGATGGGGCCCCCTGCCCTGGAGAG
TCCTCGCATCGAGATAACCTCGTGCTTGGGCTGTACCACAACAATAACCAAGTTTTTCCACGATGTGGAG
GTGGAAGACGTCCTCCCTAGCTCAAACGGTCCCCCTCCACGGCCACGCTGAGTCTGCCAGCCTGGAGG
CCTACAGAGACCCCTCGTGCTGAGCCCGGCCAGCAGCCTGTCTCCGGAGCTGCAACTCAGAGGCCTC
CTCTACGAGTCCAATACTCGTACCCGTACGCGTCCCCCAGACGTGCGCATGGCAGTCTCCCTGCGTG
TCTCCCAAGACCACGGACCCCGAGGAGGGCTTTCCCGCGGGCTGGGGGCTGCACACTGCTGGGTTCCTC
CGCGGCACTCCCCCTCCACCTCGCCCCGCGCCAGCGTCACTGAGGAGAGCTGGTGGGTGCCCGCTCCTC
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CACTCGCCACGCCGTCCCCGCACGGCTCCCCGCGGGTCAGCGTGACCGACGACTCGTGGTTGGGCAACA
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TCCAGCACATCAGGAAGGGCGGCTTCTGCGACCACTACCTGGCGGTGCCGAGCAGCCCTACCAAGTGGG
GAAGCCCAAGCCCTGTCCCTACGTCTTACATGAGCCCGACCCCTGCCCGCCCTGGACTGGCAGCTGCCG
TCCCACTCAGGCCGTATGAGCTTCGGATTGAGGTGCAGCCCAAGTCCCACCACCGAGCCCACTACGAGA
CGGAGGGCAGCCGGGGGCGCTGAAGGCGTCGGCCGGAGGACACCCCATCGTGCAGCTGCATGGTACTT
GGAGAATGAGCCGCTGATGCTGCAGTTTTTATTGGGACGGCGGACGACCGCTGCTGCGCCGCACGCC
TTCTACCAGGTGCACCGCATCACAGGGAAGACCGTGTCCACCACCGCCACGAGGCCATCCTCTCCAACA
CCAAAGTCTGGAGATCCCACTCCTGCCGAGAACAGCATGCGAGCCGTCATTGACTGTGCCGAATCCT
GAAACTCAGAACTCCGACATTGAATTCGAAAGGAGAGACGGACATCGGGAGGAAGAACAACACGGGTA
CGGCTGGTGTTCGCGTTACAGTCCCGCAACCCAGCGCCGACGCTGTCCCTGCAGGTGGCCTCAACCC
CCATCGAATGCTCCAGCGCTCAGCTCAGGAGCTGCCTCTGGTGAGAAGCAGAGCAGGACAGCTATCC
GGTCGTGGGCGGGAAGAAGATGGTCTGTCTGGCCACAATTCCTGCAGGACTCCAAGGTCATTTTCGTG
GAGAAAGCCCCAGATGGCCACCATGTCTGGGAGATGGAAGCGAAAATGACCGGGACCTGTGCAAGCCGA
ATTCTCTGGTGGTTGAGATCCCGCCATTTTCGAATCAGAGGATAACCAGCCCCGTTACGTCAGTTTCTA
CGTCTGCAACGGGAAGAGAAAGCGAAGCCAGTACCAGCGTTTACCTACCTTCCCGCCAACGGTAACGCC
ATCTTTCTAACCGTAAGCCGTGAACATGAGCGCGTGGGGTGCTTTTTC

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC211136 protein sequence Red=Cloning site Green=Tags(s) MPSTSFVPVPSKFPLGPAAAVFGRGETLGPAPRAGGTMKSAEEEHYGYASSNVSPALPLPTAHSTLPAPCH NLQTSTPGIIPPADHPSGYGAALDGGPAGYFLSSGHTRPDGAPALESPRIEITSCLGLYHNNNQFFHDVE VEDVLPSSKRSPSTATLSLPSLEAYRDPSCSPASSLSSRSCNSEASSYESNYSYPYASPQTSPWQSPCV SPKTTDPEEGFPRGLGACTLLGSPRHSPSTSPRASVTEESWLGARSSRPASPCNKRKYSNLGRQPPYSPH HSPTSPHGSPPRVSVTDDSWLGNTTQYTSSAIVAAINALTTDSSLDLGDGVPVKSRKTTLEQPPSVALKV EPVGEDLGSPPPADFAPEDYSSFQHIRKGGFCDQYLAVPQHPYQWAKPKPLSPTSYMSPTLPALDWQLP SHSGPYELRIEVQPKSHHRAHYETEGSRGAVKASAGGHPIVQLHGYLENEPLMLQLFIGTADDRLLRPHA FYQVHRITGKTVSTTSHEAILSNTKVLEIPLLPENSMRAVIDCAGILKLRNSDIELRKGETDIGRKNTRV RLVFRVHPVQPSGRTLSLQVASNPIECSQRSAQELPLVEKQSTDSYPVVGKKMVLSGHNFLQDSKVIFV EKAPDGHVWEMEAKTDRDLCKPNSLVVEIPFRNQRITSPVHVSFYVCNGKRKRSQYQRFITYLPANGNA IFLTVSREHERVGCFF SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_172390
ORF Size:	2148 bp
Buffer:	PBS with 0.001% Pluronic F6672
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_172390.1</u>
RefSeq Size:	2978 bp
RefSeq ORF:	2151 bp
Locus ID:	4772
UniProt ID:	<u>O95644</u>
Cytogenetics:	18q23
MW:	77.8 kDa