

Product datasheet for **MR221981A1V**

Mouse Nfatc2ip (NM_010900) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Nfatc2ip (NM_010900) AAV Particle
Tag:	Myc-DDK
Symbol:	Nfatc2ip
Synonyms:	D7Ertd304e; NIP45
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR221981 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGAACCACTGAGGGGACGTGGTCCGAGGTCCCGGGTGGCCGAGGCGCTCGGAGAGCCCGAGGCG
CCCGTGGCCGGTGTCTCGCGCCCGGCAGTCTCCGGCTAGGCTCATTCCAGACACCGTGCTTGTGGACTT
GGTCAGTGACAGCGACGAAGAGGTCTTGAAGTCGACAGCCAGTAGAGGTGCCGGTCCCGCGCTCCCC
GCGCCGGCTAACCTGAGCAGGACAGCGACAGTGACAGTGAAGGGGCGGCCGAGGGGCTGCGGGAGCCC
CGCGTACATTGGTGCGACGGCGCGCGGCTGCTGGATCCCGGAGAGGCGCCGGTGGTCCCAGTGTA
CTCCGGGAAGGTACAGAGCAGCCTCAACCTCATTCCAGATAATTCATCCCTCTTGAAACTGTGCCCTTCA
GAGCCTGAAGATGAGGCAGATCTGACAAATCTGGCAGTTCTCCCTCTGAGGATGATGCCCTGCCTTCAG
GTTCTCCCTGGAGAAAGAAGCTCAGAAAGAAGTGTGAGAAAGAAGAAAGAAATGGAAGAGTTTCCGGA
CCAGGACATCTCTCTTTGCCCAACCTTCGTCAGGAACAAAAGCAGAAAGCATACGGAGGCGCTCCAG
AAGCTAAGGGAAGTGAACAAGCGTCTCAAGATCTCCGCTCCTGCCTGAGCCCCAAGCAGCACCAGAGTC
CAGCCCTTCAGAGCACAGATGATGAGGTGGTCTAGTGAAGGGCCTGTCTTGCCACAGAGCTCTCGACT
CTTTACACTCAAGATCCGGTGCCGGGTGACCTAGTGAGACTGCCTGTCAGGATGTCGGAGCCCCCTCAG
AATGTGGTGGATCACATGGCCAATCATCTTGGGTGTCTCCAAACAGGATTCTTTGCTTTTGGAGAGA
GTGAACTGTCTCTACTGCCACCCTAGTACCCTAAAGCTTGGAGTGGCTGACATCATTATTGTGTGGT
GCTAGCAAGCTTTTCAGAGGCCACAGAGACATCCAGGAGCTCCGGCTCCGGGTGCAGGGGAAGGAGAAA
CACCAGATGTTGGAGATCTCACTGTCTCCTGATTCTCCTCTTAAGGTTCTCATGTCACTATAGGGAAG
CCATGGGACTCTCTGGACACAAGCTCTCCTTCTTTGATGGGACAAAGCTTTCAGGCAAGGAGCTGCC
AGCTGATCTGGCCTGGAATCCGGAGATCTCATCGAAGTCTGGGGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR221981 protein sequence Red=Cloning site Green=Tags(s) MAEPLRGRGPRSRGGRGARRARGARGRCPRARQSPARLIPDTVLVDLVSDSEEVLEVADPVEVPVARLP APAKPEQSDSDSEGAEEGPAGAPRTLVRRRRRRLDPGEAPVVPVYSGKVQSSLNLIPDNSSLKLCPS EPEDEADLTNSGSSPSEDDALPSGSPWRKKLRKKCEKEEKKMEEFDPQDISPLPQPSSRNKSRKHTEALQ KLREVNKRLQDLRSCLSPKQHQSPALQSTDDEVVLVEGPVLPQSSRLFTLKIRCRADLVRLPVRMSEPLQ NVVDHMANHLGVSPNRILLFGESELSPTATPSTLKLGVADIIDCVVLASSSEATETSQELRLRVQGKEK HQMLEISLSPDSPLKVLMSHYEAMGLSGHKLSFFFDGTKLSGKELPADLGLESGDLIEVWG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_010900
ORF Size:	1236 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_010900.3</u> , <u>NP_035030.2</u>
RefSeq Size:	3388 bp
RefSeq ORF:	1239 bp
Locus ID:	18020
UniProt ID:	<u>O09130</u>
Cytogenetics:	7 69.01 cM
MW:	45.1 kDa