OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MR225700A1V

Mouse Nfia (NM_001122952) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Nfia (NM_001122952) AAV Particle
Tag:	Myc-DDK
Symbol:	Nfia
Synonyms:	1110047K16Rik; 9430022M17Rik; CTF; NF1-A; NF1A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

View online »

ORF Nucleotide Sequence:

>MR225700 representing NM_001122952
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAGCTTGCTGACAGCGTAATGGCAGGGAAAGCTTCCGACGGCTCCATCAAATGGCAGCTTTGCTACG
ACATCTCGGCCAGAACTTGGTGGATGGATGAGTTTCATCCTTTCATTGAAGCACTTCTGCCCCATGTCCG
CGCCTTCGCCTACACATGGTTCAACCTGCAGGCCCGAAAGCGGAAATACTTCAAAAAACATGAGAAGCGC
ATGTCGAAAGAAGAGGAGAGGGCCGTGAAGGATGAACTGCTAAGCGAGAAGCCCGAGGTCAAGCAGAAGT
GGGCTTCCCGACTTCTGGCCAAGTTACGGAAAGATATCCGACCCGAGTACCGAGAGGATTTTGTTCTTAC
AGTTACAGGGAAAAAACCTCCATGCTGTGTTCTTTCCAACCCTGATCAGAAAGGCAAGATGCGGAGAATT
GACTGCCTCCGCCAGGCAGATAAAGTATGGAGGTTGGACCTCGTCATGGTGATCTTGTTCAAAGGTATTC
CGCTGGAAAGTACTGATGGCGAGCGCCTTGTAAAGAGTCCACAGTGCTCTAATCCAGGGCTCTGTGTCCA
GCCCCATCACATAGGGGTTTCTGTAAAGGAACTCGATTTATATTTGGCATACTTTGTACATGCAGCAGAT
TCAAGTCAATCTGAAAGTCCCAGCCAGCCAAGTGAAGCTGACATTAAGGACCAGCCAGAAAATGGACATT
TGGGCTTCCAGGACAGCTTTGTCACATCAGGTGTTTTCAGTGTGACTGAGCTAGTAAGAGTGTCACAAAC
ACCAATAGCTGCAGGAACCGGCCCCAATTTTTCTCTCTCTGATTTGGAAAGTTCTTCATACTACAGCATG
AGTCCAGGAGCAATGAGGAGGTCTCTGCCCAGCACATCCTCTACCAGCTCTACAAAGCGCCTCAAGTCTG
TGGAGGATGAAATGGACAGTCCTGGTGAAGAACCATTTTACACAGGCCAAGGGCGCTCCCCAGGGAGTGG
CAGCCAGTCCAGTGGATGGCATGAAGTAGAGCCAGGCTTGCCATCTCCAAGCACACTGAAGAAGTCTGAG
AAGTCTGGTTTCAGCAGCCCCTCCCCTTCGCAGACCTCCTCCCTGGGAACAGCATTCACACAGCATCACC
GACCTGTCATTACAGGACCCAGAGCAAGTCCACATGCGACGCCATCGACTCTCCACTTTCCAACGTCACC
CATCATCCAGCAGCCTGGGCCTTACTTCTCACACCCAGCCATCCGTTACCACCCTCAGGAGACGCTGAAA
GAGTTTGTCCAACTTGTCTGTCCTGATGCTGGTCAGCAAGCTGGACAGGTGGGGTTCCTCAATCCCAATG
GAAGCAGTCAAGGCAAGGTGCACAACCCATTCCTCCCCACCCCAATGTTGCCGCCGCCGCCACCACCACC
GATGGCCAGGCCTGTGCCTCTGCCCATGCCAGACACCAAGCCTCCAACCACATCAACAGAAGGAGGTGCA
GCCTCCCCCACCTCACCGACCTACTCGACACCCAGCACCTCCCCCGCAAACCGATTCGTCAGTGTTGGAC
CACGGGATCCAAGCTTTGTAAATATCCCTCAACAGACACAGTCCTGGTACCTGGGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225700 representing NM_001122952
Red=Cloning site Green=Tags(s)

MKLADSVMAGKASDGSIKWQLCYDISARTWWMDEFHPFIEALLPHVRAFAYTWFNLQARKRKYFKKHEKR
MSKEEERAVKDELLSEKPEVKQKWASRLLAKLRKDIRPEYREDFVLTVTGKKPPCCVLSNPDQKGKMRRI
DCLRQADKVWRLDLVMVILFKGIPLESTDGERLVKSPQCSNPGLCVQPHHIGVSVKELDLYLAYFVHAAD
SSQSESPSQPSEADIKDQPENGHLGFQDSFVTSGVFSVTELVRVSQTPIAAGTGPNFSLSDLESSSYYSM
SPGAMRRSLPSTSSTSSTKRLKSVEDEMDSPGEEPFYTGQGRSPGSGSQSSGWHEVEPGLPSPSTLKKSE
KSGFSSPSPSQTSSLGTAFTQHHRPVITGPRASPHATPSTLHFPTSPIIQQPGPYFSHPAIRYHPQETLK
EFVQLVCPDAGQQAGQVGFLNPNGSSQGKVHNPFLPTPMLPPPPPPPMARPVPLPMPDTKPPTTSTEGGA
ASPTSPTYSTPSTSPANRFVSVGPRDPSFVNIPQQTQSWYLG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_001122952

ORF Size: 1596 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:	NM_001122952.1, NP_001116424.1
RefSeq Size:	9289 bp
RefSeq ORF:	1599 bp
Locus ID:	18027
UniProt ID:	Q02780
Cytogenetics:	4 45.52 cM
MW:	59 kDa