

Product datasheet for **MC218207**

Nfia (BC075702) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nfia (BC075702) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nfia
Synonyms:	1110047K16Rik; 9430022M17Rik; CTF; NF1-A; NF1A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC075702
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTATTCTCCGCTCTGTCTCACCCAGGATGAGTTTCATCCTTTTCATTGAAGCACTTCTGCCCATGTCC
GCGCCTTCGCCTACACATGGTTCAACCTGCAGGCCGAAAGCGGAAATACTTCAAAAAACATGAGAAGCG
CATGTGCGAAAGAAGAGGAGAGGGCCGTGAAGGATGAAGTCTAAGCGAGAAGCCCGAGGTCAAGCAGAAG
TGGGCTTCCCGACTTCTGGCCAAGTTACGAAAGATATCCGACCCGAGTACCGAGAGGATTTTGTCTTA
CAGTTACAGGGAAAAACCTCCATGCTGTGTTCTTTCCAACCCTGATCAGAAAGGCAAGATGCGGAGAAT
TGACTGCCTCCGCCAGGCAGATAAAGTATGGAGGTTGGACCTCGTCATGGTGATCTTGTTCAAAGGTATT
CCGCTGGAAGTACTGATGGCGAGCGCCTTGTAAGAGTCCACAGTGTCTAATCCAGGGCTCTGTGTCC
AGCCCCATCACATAGGGGTTTCTGTAAGGAAGTCTGATTATATTTGGCATACTTTGTACATGCAGCAGA
TTCAAGTCAATCTGAAAGTCCCAGCCAGCCAAGTGAAGCTGACATTAAGGACCAGCCAGAAAATGGACAT
TTGGGCTTCCAGGACAGCTTTGTACATCAGGTGTTTTAGTGTGACTGAGCTAGTAAGAGTGTCACAAA
CACCAATAGTGCAGGAACCGGCCCAATTTTTCTCTCTCTGATTTGGAAAGTTCTTCATACTACAGCAT
GAGTCCAGGAGCAATGAGGAGGTCTCTGCCAGCACATCTCTACCAGCTCTACAAAGCGCCTCAAGTCT
GTGGAGGATGAAATGGACAGTCTTGGTGAAGAACCATTTACACAGGCCAAGGGCGCTCCCAGGGAGTG
GCAGCCAGTCCAGTGGATGGCATGAAGTAGAGCCAGGCTTGCCATCTCCAAGCACACTGAAGAAGTCTGA
GAAGTCTGGTTTCAGCAGCCCCCTCCCCTTCGCAGACCTCCTCCCTGGGAACAGCATTACACAGCATCAC
CGACCTGTCATTACAGGACCCAGAGCAAGTCCACATGCGACGCCATCGACTCTCCACTTTCCAACGTCAC
CCATCATCCAGCAGCCTGGGCCTTACTTCTCACACCCAGCCATCCGTTACCACCCTCAGGAGACGCTGAA
AGAGTTTGTCCAACCTTGCTGTCTGCTGATGCTGGTCAGCAAGCTGGACAGGTGGGGTTCCTCAATCCAAT
GGAAGCAGTCAAGGCAAGGTGCACAACCCATTCCTCCCCACCCCAATGTTGCCGCGCGCCACCACCAC
CGATGGCCAGACCAAGCCTCCAACCACACTCACCGACCTACTCGACACCCAGCACCTCCCCGCAAA
CCGATTCGTCAGTGTGGACCACGGGATCCAAGCTTTGTAATATCCCTCAACAGACACAGTCTGGTAC
CTGGGATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC075702

Insert Size: 1479 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC075702](#), [AAH75702](#)

RefSeq Size: 3001 bp

RefSeq ORF: 1478 bp

Locus ID: 18027

Cytogenetics: 4 45.52 cM

Gene Summary: Recognizes and binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication.[UniProtKB/Swiss-Prot Function]