

Product datasheet for **MC209026**

Nfic (NM_026756) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nfic (NM_026756) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nfic
Synonyms: 1110019L22Rik; 1500041O16Rik; AA589446; AI746521; NF1-C
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209026 representing NM_026756
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTATTCCTCCCGCTCTGCCTGACCCAGGATGAGTTCCACCCGTTTCATCGAGGCGCTGCTGCCGCATG
 TGC GCGCCTTCGCTACACCTGGTTCAACCTGCAGGCGCGCAAGCGCAAGTACTTCAAGAAGCACGAGAA
 GCGCATGTCCAAGGACGAGGAGCGCGGTGAAGGATGAGCTGCTGGGTGAAAAGGCCGAAGTGAAGCAG
 AAGTGGGCGTCGCGGCTGCTGGCCAAGCTGCGCAAGGACATCCGGCCGAGTGGCGTGAAGACTTGTAC
 TGGCTGTGACTGGCAAGAAGCGCCAGGCTGTGTGCTGTCCAACCCGGACCAGAAGGGAAGATGCGGCG
 CATCGACTGCCTGCGCCAGGCCGACAAAGTGTGGCGTCTGGACCTGGTCAATGGTCACTGTTCAAGGGC
 ATCCCACTGGAGAGCACAGATGGTGAGCGGCTGGTGAAGGCGGCTGCCTGTGCGCACCCGGTGTGTGTG
 TGCAGCCGACCATATTGGCGTGGCCGTCAAGGAGCTGGACCTGTACCTGGCCTACTTTGTGCGGGAGCG
 CGATGCGGAGCAGAGCAGCAGCCCCGGACAGGTGTGGGCTCAGACCAGGAGGACAGCAAGCCATAACG
 CTGGACACCACAGACTTCCAGGAGACTTTGTACAGTCAAGTGTGTTCAAGTGTACGAGGCTGATCCAAG
 TGTCTCGGACACTGTGGTGACCGGAACCGACCAACTTCTACTGGGAGAGCTGCAGGGTCACTGGC
 ATATGACCTGAACCCGGCCAGCGCCGATGAGAAGGACTTACCCAGCACCTCCAGTGGGAGCAAG
 CGGCACAAGTCGGGCTCGATGGAAGAGGACGTGGACACGAGCCCCGGCGGCGACTACTACAGCTCGCCCA
 ACTCACCCACGAGTAGCAGCCGCAACTGGACGGAAGACATAGAAGGAGGCATCTCATCCCGGTGAAGAA
 GACAGAGATGGACAAATCTCAATTAACAGCCCGTCCCCCAGGACTCCCCCGGCTCTCCAGTTCACA
 CAACACCACAGGCCGGTTCATCGCGGTACACAGTGGCATCGCGGAGCCCCACCCGACCTCGGCCCTGC
 ACTTCCCTGCCACGCCATCCTGCCACAGACAGCTCCACCTACTTCCCCATACGGCCATCCGGTACCC
 GCCACATCTCAACCCCGAGCCCGCTCAAGGATCTGGTGTCCCTGGCCTGTGACCCGGCCACCCAGCAG
 CCTGGACCGTCTGGTACCTGGG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_026756
Insert Size:	1287 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:	<ol style="list-style-type: none">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:	<u>NM_026756.2</u> , <u>NP_081032.2</u>
RefSeq Size:	6218 bp
RefSeq ORF:	1287 bp
Locus ID:	18029
Cytogenetics:	10 39.72 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks an alternate penultimate exon, resulting in a novel 3' coding region and shorter 3' UTR, compared to variant 1. The resulting isoform (b) has a shorter and distinct C-terminus, compared to isoform a.</p>