

## Product datasheet for **RN207810**

### **Nfia (NM\_012988) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nfia (NM_012988) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nfia
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN207810 representing NM\_012988  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTATTCTCGCTCTGTCTCACCCAGGATGAGTTTCATCCTTTTCATTGAAGCACTTCTGCCCCATGTCC  
GCGCCTTCGCCTACACATGGTTCAACCTGCAGGCCGAAAGCGGAAATACTTCAAAAAGCATGAGAAGCG  
CATGTGCGAAAGAAGAGGAGAGGGCTGTGAAGGATGAAGTCTAAGTGAGAAGCCTGAGGTCAAGCAAAG  
TGGGCTTCCCAGCTTCTGGCCAAGTTACGAAAGATATCCGACCCGAGTACCGAGAGGATTTTGTCTTA  
CAGTTACAGGGAAAAACCTCCATGCTGTGTTCTTTCCAACCCAGACCAGAAAGGCAAGTGCAGGAGAA  
TGACTGCCTCCGCCAGGCAGATAAAGTATGGAGGTTGGACCTCGTCATGGTGATCTTGTCAAAGGTATT  
CCGCTGGAAGTACTGATGGTGAACGCCTGTGAAGTCCCACAGTGCTCGAATCCAGGGCTCTGTGTCC  
AGCCCCATCACATAGGGGTTTCTGTAAGGAAGTCTGATTATATTTGGCATACTTTGTACATGCAGCAGA  
TTCAAGTCAATCTGAAAGTCCCAGCCAACCAAGTATGCTGACATTAAGGACCAGCCAGAAAATGGACAT  
TTGGGCTTCCAGGACAGCTTCGTACATCAGGTGTTTTAGTGTGACTGAGCTAGTAAGAGTGTCACAAA  
CACCAATAGTGCAGGAACCGGCCCAATTTTTCTCTCTCTGATTTGGAAAGTTCCTCATACTACAGCAT  
GAGTCCAGGAGCAATGAGGAGTCTCTACCCAGCACATCTCTACAGCTCTACCAAGCGCCTCAAGTCT  
GTGGAGGACGAAATGGACAGTCTGGTGAAGAACCATTTACACAGGCCAAGGGCGCTCCCAGGGAGTG  
GCAGCCAGTCCAGCGGATGGCATGAAGTAGAGCCAGGCATGCCATCTCCAACCCTCTGAAGAAGTCTGA  
GAAGTCTGGTTTCAGCAGCCCCCTCCCCTTCGCAGACCTCCTCCCTCGAACAGCATTACACAGCATCAC  
CGACCTGTCATAACAGGACCGAGAGCAAGCCCACATGCGACGCCATCGACTCTCCACTTTCCAACGTCAA  
CTATCATCCAGCAGCCTGGGCCTTATTTCTCACACCCAGCCATCCGTTACCACCCTCAGGAGACGCTGAA  
GGAGTTTGTCCAACCTTGCTGCCCGATGCTGGTCAGCAAGCTGGACAGGTGGGGTTCCTCAATCCAAT  
GGAAGCAGTCAAGGCAAGGTGCACAACCCATTCCTCCCCACCCCAATGTTGCCGCGCCACCGCCACCAC  
CGATGGCCAGGCCTGTGCTCTGCCATGCCAGACACCAAGCCTCCAACCACATCAACAGAAGGCGGTGC  
AGCCTCCCCACCTCACCAGCTACTCGACACCCAGCACCTCCCCGCAAACCGATTTCGTAGTGTGGA  
CCACGGGATCCAAGCTTTGTAATATCCCTCAACAGACACAGTCTGGTACCTGGGATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_012988

**Insert Size:** 1530 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:** [NM\\_012988.2](#), [NP\\_037120.1](#)

**RefSeq Size:** 2200 bp

**RefSeq ORF:** 1530 bp

**Locus ID:** 25492

**UniProt ID:** [P09414](#)

**Cytogenetics:** 5q33

**Gene Summary:** DNA binding protein that binds to the metallothionein IIA promoter [RGD, Feb 2006]