

## Product datasheet for **MC200098**

### Nfix (NM\_001081982) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Nfix (NM\_001081982) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Nfix  
**Synonyms:** CTF; NF-I/X; NF1-X; NFI-X  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC003766 sequence for NM\_001081982  
CGGCCGCTCCGCGCTCGGCCCGGGCGCCAGCGATGTAAGTCCCGTACTGCCTCACCAGGATGAGT  
TCCACCCGTTTATCGAGGCGCTGCTGCCTCAGTCCGAGCCTTCTCTACACCTGGTTCAACCTGCAGGC  
GCGGAAGCGCAAGTACTTCAAGAAGCACGAGAAGCGGATGTCAAAGGACGAGGAGCGCGCAGTGAAGGAC  
GAGCTGCTGGGCGAGAAGCCTGAGATCAAGCAGAAGTGGGCATCCCGGCTGTTGGCCAAGCTGCGCAAAG  
ACATCCGGCCGAGTTCCGCGAGGACTTTGTGCTAACCATCACGGGCAAGAAGCCCCCTGCTGCGTGCT  
TTCCAACCCCGACCAGAAGGGCAAGATCCGGCGGATTGACTGCCTGCGCCAGGCTGACAAGGTGTGGCGG  
CTGGACCTGGTCAATGGTATTTTGTAAAGGGATCCCTTTGGAAAGTACTGATGGGGAGCGGCTCTACA  
AGTCGCCCCAGTGTGCAACCCCGGCTGTGTGTCCAGCCACATCACATTGGAGTCACAATCAAAGAACT  
GGACCTTTATCTGGCTTACTTTGTCCACTCCGGAATCCGACAATCAGATAGTTCAAACCAGCAAGGA  
GATGCGGACATCAAACCACTGCCAACGGGCATTAAGTTTCCAGGACTGCTTTGTGACGCTGCGGGTCT  
GGAATGTGACAGAGCTGGTGAGAGTATCACAGACTCCAGTTGCGACTGCATCAGGGCCCAACTTCTCACT  
GGCGGACCTGGAGAGCCCGACTACTACAACATAAATCAAGTGACCTGGGAAGGCGGTCCATCACCTCC  
CCTCCTCCACCAGCAGCACCAAGCGCCCAAGTCCATCGACGACAGTGAGATGGAGAGTCCAGTAGATG  
ATGTGTTCTATCCTGGGACAGGCCGCTCTCCGGCCGCTGGCAGCAGCCAGTCTAGCGGATGGCCCAATGA  
CGTGGATGCAGGCCCTGCTTCTCTAAAGAAGTCAAGAAAGCTGGACTTCTGCAGCGCCCTCTCTCTCAG  
GGCAGTTCACCGCATGGCTTTACCCACCACCCGCTGCCTGTGCTTGTGAGTCAAGCAGGAGGCC  
CCCGGGCCACGGCATCAGCGTGCATTCCTTCCAGTCCATCATCCAGCAGTGGAGCCGATTTTAC  
ACACCAACCATCCGCTACCACCACCACATGGGCAGGACTCGCTGAAGGAGTTTGTGAGTTTGTGTCG  
TCTGACGGCTCGGTCAGGCCACCGGACAGCATTCAACAACGACAGGCGCCTCCTCTGCCAACCGGTTTGT  
CAGCATCGGATCCCGGGACGGCAACTTTCTGAACATCCCACAGCAGTCTCAGTCTGGTTCTCTGATTA  
AGATCAACAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_001081982  
**Insert Size:** 1326 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">BC003766</a></u> , <u><a href="#">AAH03766</a></u>
<b>RefSeq Size:</b>	1444 bp
<b>RefSeq ORF:</b>	1326 bp
<b>Locus ID:</b>	18032
<b>UniProt ID:</b>	<u><a href="#">P70257</a></u>
<b>Cytogenetics:</b>	8 41.02 cM
<b>Gene Summary:</b>	<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. Isoform NFIX1 acts as a transcriptional activator while isoform NFIX3 acts as a repressor.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) differs in the 5' UTR, initiates translation at an alternate start codon, and has multiple coding region differences, compared to variant 3. The encoded isoform (1) has a distinct N-terminus and is shorter than isoform 3. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>