

## Product datasheet for **SC333028**

### NFIX (NM\_001271044) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** NFIX (NM\_001271044) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** NFIX  
**Synonyms:** CTF; MRSHSS; NF-I/X; NF1-X; NF1A; SOTOS2  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC333028 representing NM\_001271044.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGATGAGTTCCACCCGTTTCATCGAGGCACTGCCTCACGTCGCGCTTTCTCTACACCTGGTTC
AACCTGCAGGCGCGGAAGCGCAAGTACTTCAAGAAGCATGAAAAGCGGATGTCGAAGGACGAGGAGCGG
GCGGTGAAGGACGAGCTGCTGGGCGAGAAGCCGAGATCAAGCAGAAGTGGGCATCCCGGCTGCTGGCC
AAGCTGCGCAAGGACATCCGGCCGAGTCCGCGAGGACTTCGTGCTGACCATCACGGGCAAGAAGCCC
CCCTGCTGCGTGCTCTCAACCCCGACCAGAAGGGCAAGATCCGGCGGATTGACTGCCTGCGCCAGGCT
GACAAGGTGTGGCGGCTGGACCTGGTTCATGGTGATTTTGTGTTAAGGGGATCCCCCTGAAAGTACTGAT
GGGGAGCGGCTCTACAAGTCGCCTCAGTGTGCAACCCCGGCTGTGCGTCCAGCCACATCACATTGGA
GTCACAATCAAAGAACTGGATCTTTATCTGGCTTACTTTGTCCCACTCCGGAATCCGGACAATCAGAT
AGTTCAAACCAGCAAGGAGATGCGGACATCAAACCACTGCCAACGGGCACTTAAGTTTCCAGGACTGT
TTTGTGACTTCCGGGTCTGGAATGTGACGGAGCTGGTGAGAGTATCACAGACTCCTGTTGCAACAGCA
TCAGGGCCCAACTTCTCCTGGCGGACCTGGAGAGTCCCAGCTACTACAACATCAACCAGGTGACCCCTG
GGGCGGCGGTCCATCACCTCCCTCCTTCCACCAGCACCACCAAGCGCCCAAGTCCATCGATGACAGT
GAGATGGAGAGCCCTGTTGATGACGTGTTCTATCCCGGACAGGCCGTTCCCCAGCAGCTGGCAGCAGC
CAGTCCAGCGGGTGGCCCAACGATGTGGATGCAGGCCCGGCTTCTAAAGAAGTCAGAAAGCTGGAC
TTCTGCAGTGCCCTCTCCTCTCAGGGCAGCTCCCGCGCATGGCTTTACCCACCACCCCGCTGCCTGTG
CTTGCTGGAGTCAGACCAGGAGCCCCGGGCCACAGCATCAGCCCTGCACCTCCCTCCACGTCCATC
ATCCAGCAGTCGAGCCGTATTTACGCACCCGACCATCCGCTACCACCACCACCACGGGACGAGTCA
CTGAAGGAGTTTGTGAGTTTGTGCTCGGATGGCTCGGGCCAGGCCACCGGACAGCATTTCGAACGA
CAGGCGCTCCTCTGCCAACCGTTTGTGAGCATCGGACCCCGGACGGCAACTTCTGA
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001271044  
**Insert Size:** 1302 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>	<a href="#">NM_001271044.1</a>
<b>RefSeq Size:</b>	5545 bp
<b>RefSeq ORF:</b>	1302 bp
<b>Locus ID:</b>	4784
<b>UniProt ID:</b>	<a href="#">Q14938</a>
<b>Cytogenetics:</b>	19p13.13
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	47.9 kDa
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a transcription factor that binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3 in viral and cellular promoters. The encoded protein can also stimulate adenovirus replication in vitro. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2012]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and coding sequence and lacks an alternate 3' exon compared to variant 1, that causes a frameshift. The resulting isoform (3) has shorter and distinct N- and C-termini compared to isoform 1. 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>