

## Product datasheet for **MC228690**

### **Nxf2 (NM\_001289735) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nxf2 (NM_001289735) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nxf2
Synonyms:	4930455N06Rik; Nxf-b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228690 representing NM\_001289735  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTGGTCTCTCCAAAAGAGAATCTGCAAGGCAGGTCTTCCATGTTTGTTCAGAAGAACATTAATTCTG  
 AGACATATAAACACGATATGGTTTACCATACAAGAGATCTGAGAGATTCTATCATTAGAATACAAAAT  
 GAATTATAACCATGGTTTTCAAGGAAGAAAGAGAGGTGTGAATTATATCTGGAGTCAATTTGACAGAAAG  
 AACAAATCATTTTATGATCATTATGGTCTCCATATGCCATGGGAATGAAAAGAAGGAGAGAAAGATGCAGTT  
 ATGATGACCAATATTTTCTTAATGTGTGGGATGATAGTAAACTGAGGAGGGCGAAACAGATCTGGATGC  
 TGAATAAGAACTGAGGAGAAATGGTACAAGGTCACAATCCAGTGAAGAAAGTATGAGAAGACATGG  
 CTAATGAGGTCAATCCAGAATCTGTAGTGAGCCCTTCATCCCTGTTGATTTCCACTATGACAAAACCC  
 AGGCCCGTTCTTTGTTGAGAATGCTAAGACTGCCTCTGCATTGAAGGATGTCAGCTACAGGATTTGTGA  
 TGAACAAGCAGAAAAATAGCGATCTTTGTGAGTCTTCTGTTGTCCTATTCTGTGCAAAAACAAGTTT  
 ACATCAGAACAAATGGAGTACATAAGGGAATCTATGATGAACCGGTATGACGCCTCCAGAAAGCTCTGG  
 ACCTCGAAAAGTTCCGATTTGACCAGGACTTAATGGACAAGGATATTGACATGATGCTGAATCGAAGAAG  
 CTGCATGGTTGCCACACTACAGATCATTCAAAGTGATATCCCTGAACTGTTGTCCTTGAACCTTGACAAAC  
 AACAACTGTACCAGCTGGATGGCTGTGAGACATGACAGAGAAGGCCCTCACGTTAAGATCCTGAACC  
 TCTCCGAAATAAACTGAAGTCAATCACGGAATTGGAGAAGGTGAAAAGAACTGAAGCTGGAAGAGCTGTG  
 GCTGGAAGGGAACCCCTTCTGCAACTGCTTCTGGATCATTGAGTATAAAGTACTATTCATGACCTA  
 TCCCCAAGCTGTTGCGTCTGGATGGCGAGGACATAATAGTACCAAAAAGAAATCTCAGAATGGCAAGG  
 GCCTAATAGTACCGACAAGAAATCTTCAGAATGGCAAGGACTTAATAGTACCGACAGGAAATCCTCAGGA  
 TGGCAAGGACTTAATAGTACCGACAGGAAATCCTCAGGATGGCAAGGACCTAATAGTACCAACAGGAAAT  
 CCTCAGGATGGCAAGGACCTAATAGTACCAACAAAAATGGACATCGAGGTCCCGCAACCATGCAAGGAAA  
 GCTGTAACACATCTGAAGTCATAAAAAATCTAGTTCTACAATTTCTGAAAGAGTACTACTTGTGTTTATGA  
 CAATGGAGATCGACTTCTGCTTCTCGATGCTTACCATGACCAGGCTGCTTCTCCTTGTGCAAGTCTTTT  
 GATGTCAGTGACCCAACTGAACAACCTGGAAGAGTATTTCAAATACAGCAGAGATCTAAAGAGGCAGC  
 AAGACTCAAGCATGCGAATGCAGTTGCTGAAGCACACAAAACATGACATCGTGAACCTCTTAGCTTGT  
 ACCCAAACTCAGCATGATCTTTGCTCTTCTTGGTGGACTTGTCTCCACACGGAAATGATGCTCTGT  
 TTTTCTGTGAATGGACTATTCATGGAAGTGAAGGAAAATGTCGAGGCTGCATCCGTGCCTTACAGGGA  
 TCTTCATTGCTATCCCTGCAGCGATTCAAGAGTGCACCTTCTCCTCAGAATTTGCATCATGAACGATGA  
 GCTGATTGTGAGGAATGCCAGTCCCAAAGAGATACAAAAGGCCTTACCTCATTGCTGCACCCGACAGC  
 TCATTCAGCCTTTGCTCTCTGAAGAACAGCAGGAAATGGTGAAGTCTTCTCTGTGCAAGTCTGGAATGA  
 AACTTGACTGGTCTCAGAAGTGCCTTCAAGATAACGAGTGGGACTACACCAAGCTGGTGAAGCCTTAC  
 TGCTCTCCAGAATGAGGGCAAGATCCCAAAGGAATCTTCAAAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001289735

**Insert Size:** 2076 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).

<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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="#">NM_001289735.1</a></u> , <u><a href="#">NP_001276664.1</a></u>
<b>RefSeq Size:</b>	2395 bp
<b>RefSeq ORF:</b>	2076 bp
<b>Locus ID:</b>	83454
<b>Cytogenetics:</b>	X 56.31 cM