

Product datasheet for **MC220448**

Nxf2 (NM_031259) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nxf2 (NM_031259) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nxf2
Synonyms:	4930455N06Rik; Nxf-b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220448 representing NM_031259
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGTCTCTCCAAAAGAGAATCTGCAAGGCAGGTCTTCCATGTTTGTTCAGAAGAACATTAATTCTG
 AGACATATAAACACGATATGGTTTACCATAACAAGAGATCTGAGAGATTCTATCATTAGAATACAAAAT
 GAATTATAACCATGGTTTCAAGGAAGAAAGAGAGGTGTGAATTATATCTGGAGTCAATTTGACAGAAAG
 AACATCATTTTATGATCATTATGGTGCTCCATATGCCATGGGAATGAAAAGAAGGAGAGAAAGATGCAGTT
 ATGATGACCAATATTTTCTTAATGTGTGGGATGATAGTAAACTGAGGAGGGCGAAACAGATCTGGATGC
 TGAAAATGAACTGAGGAGAAATGGTACAAGGTCACAATCCAGTGAAGAAAGTATGAGAAGACATGG
 CTAATGAGGTCAATCCAGAACTTCTGTAGTGAGCCCTTCATCCCTGTTGATTTCCACTATGACAAAACCC
 AGGCCCGGTTCTTTGTTGAGAATGCTAAGACTGCCTCTGCATTGAAGGATGTCAGCTACAGGATTTGTGA
 TGAACAAGCAGAAAAATAGCGATCTTTGTGAGTCTTCTGTTGTGCCCTATTCTGTGCAAAACAAGTTT
 ACATCAGAACAAATGGAGTACATAAGGGAATCTATGATGAACCGGTATGACGCCTCCAGAAAGCTCTGG
 ACCTCGAAAAGTTCCGATTTGACCAGGACTTAATGGACAAGGATATTGACATGATGCTGAATCGAAGAAG
 CTGCATGGTTGCCACACTACAGATCATTCAAAGTGATATCCCTGAACTGTTGTCCTTGAACCTTGACAAAC
 AACAACTGTACCAGCTGGATGGCTGTGAGACATGACAGAGAAGGCCCTCACGTTAAGATCCTGAACC
 TCTCCGAAATAAACTGAAGTCATTACGGAATGGAGAAGGTGAAAGAACTGAAGCTGGAAGAGCTGTG
 GCTGGAAGGGAACCCCTTCTGCAACTGCTTCTGGATCATTGAGTATATAAGTACTATTATGACCTA
 TTCCCCAAGCTGTTGCGTCTGGATGGCGAGGACATAATAGTACCAAAAAGAAATCTTCAGAAATGGCAAGG
 GCCTAATAGTACCGACAAGAAATCTTCAGAAATGGCAAGGACTTAATAGTACCGACAGGAAATCCTCAGGA
 TGGCAAGGACTTAATAGTACCGACAGGAAATCCTCAGGATGGCAAGGACCTAATAGTACCAACAGGAAAT
 CCTCAGGATGGCAAGGACCTAATAGTACCAACAAAAATGGACATCGAGGTCCCGCAACCATGCAAGGAAA
 GCTGTAACACATCTGAAGTCATAAAAAATCTAGTTCTACAATTTCTGAAAGAGTACTACTGTTTATGA
 CAATGGAGATCGACTTCGTCTTCTCGATGCTTACCATGACCAGGCCTGCTTCTCCTTGTCAGTTCCTTTC
 GATGTCAGTGACCCAAACCTGAACAACCTGGAAGAGTATTTCAAATACAGCAGAGATCTAAAGAGGCAGC
 AAGACTCAAGCATGCGAATGCAGTTGCTGAAGCACACAAAACATGACATCGTGAACCTCTTAGCTTGTT
 ACCCAAACTCAGCATGATCTTTGCTCTTCTTGGTGGACTTGTTCACACAGGAAATGATGCTCTGT
 TTTTCTGTGAATGGACTATTCATGGAAGTGAAGGAAATGTGAGGCTGCATCCGTGCCTTCACAGGGA
 TCTTCATTGCTATCCCTGCAGCGATTCAAGAATTTGCATCATGAACGATTGAGCTGATTGTGAGGAATGC
 CAGTCCCAAAGAGATACAAAAGGCTTCACCTCATTGCCTGCACCCGACACGTCATTCAAGCCTTTGCTC
 TCTGAAGAACAGCAGGAAATGGTGAAGTCTTCTCTGTGAGTCTGGAATGAACTTGACTGGTCTCAGA
 AGTGCCTTCAAGATAACGAGTGGGACTACACCAAGCTGGTGAGGCCTTCACTGCTCTCCAGAAATGAGGG
 CAAGATCCCAAAGGAATCTTCAA**TA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_031259

Insert Size: 2058 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_031259.2, NP_112549.1

RefSeq Size: 2377 bp

RefSeq ORF: 2058 bp

Locus ID: 83454

Cytogenetics: X 56.31 cM