

Product datasheet for **MC228632**

Nxf2 (NM_001289736) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nxf2 (NM_001289736) 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: >MC228632 representing NM_001289736
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTTGTTCAGAAGAACATTAATTCTGAGACATATAACAACGATATGGTTTACCATACAAGAGATCTG
 AGAGATTCATCATTGACAATACAAAATGAATTATAACCATGGTTTTCAAGGAAGAAAGAGAGGTGTGAA
 TTATATCTGGAGTCAATTTGACAGAAAGAACAATCATTTTGATCATTATGGTGCTCCATATGCCATGGGA
 ATGAAAAGAAGGAGAGAAAGATGCAAGTTATGATGACCAATATTTTCTTAATGTGTGGGATGATAGTAAAA
 CTGAGGAGGGCGAAACAGATCTGGATGCTGAAAATGAAACTGAGGAGAAAATGGTACAAGGTCACAATTCC
 CAGTGGAAAGAAAGTATGAGAAGACATGGCTAATGAGGTCAATCCAGAACTTCTGTAGTGAGCCCTTCATC
 CCTGTTGATTTCCACTATGACAAAACCCAGGCCCGTTCTTTGTTGAGTATGCTAAGACTGCCTCTGCAT
 TGAAGGATGTCAGCTACAGGATTTGTGATGAAACAAGCAGAAAAATAGCGATCTTTGTGAGTCTTCTGT
 TGTGCCCTATTCTGTGCAAAAACAAGTTTACATCAGAACAATGGAGTACATAAGGGAATCTATGATGAAC
 CGGTATGACGCCTCCAGAAAGCTCTGGACCTCGAAAAGTTCCGATTTGACCAGGACTTAATGGACAAGG
 ATATTGACATGATGCTGAATCGAAGAAGCTGCATGGTTGCCACACTACAGATCATTCAAAGTGATATCCC
 TGAAGTGTGTCCTTGAACCTGACAAAACAACAACTGTACCAGCTGGATGGGCTGTGAGACATGACAGAG
 AAGGCCCTCACGTTAAGATCCTGAACCTCTCCCGAAATAAACTGAAGTCATTACCGAATTGGAGAAGG
 TGAAAAGAACTGAAGCTGGAAGAGCTGTGGCTGGAAGGGAACCCCTTCTGCAACTGCTTCTGGATCATT
 TGAGTATAAGTACTATTATGACCTATTTCCCAAGCTGTTGCGTCTGGATGGCGAGGACATAATAGTA
 CAAAAAGAAATCTTCAGAATGGCAAGGCCTAATAGTACCGACAAGAAATCTTCAGAATGGCAAGGACT
 TAATAGTACCGACAGGAAATCCTCAGGATGGCAAGGACTTAATAGTACCGACAGGAAATCCTCAGGATGG
 CAAGACCTAATAGTACCAACAGGAAATCCTCAGGATGGCAAGGACCTAATAGTACCAACAAAAATGGAC
 ATCGAGGTCCCGCAACCATGCAAGGAAAGCTGTAAACATCTGAAGTCATAAAAAATCTAGTTCTACAAT
 TTCTGAAAGAGTACTACTTGTGTTTATGACAATGGAGATCGACTTCGTCTTCTCGATGCTTACCATGACCA
 GGCCTGCTTCTCCTTGTGAGTTCCTTTGATGTCAGTGACCCAAACCTGAACAACCTGGAAGAGTATTTT
 AAATACAGCAGAGATCTAAAGAGGCAGCAAGACTCAAGCATGCGAATGCAGTTGCTGAAGCACACAAAAC
 ATGACATCGTGAACCTCTTAGCTTGTACCCAAAACCTCAGCATGATCTTTGCTCTTTCTGGTGGACTT
 GTTTCTCCACACGAAATGATGCTCTGTTTTCTGTGAATGGACTATTGGAAGTGAAGGAAAAATGT
 CGAGGCTGCATCCGTGCCTTACGAGGATCTTCATTGCTATCCCTTGCAGCGATTCAAGAATTTGCATCA
 TGAAACGATGAGCTGATTGTGAGGAATGCCAGTCCCAAAGAGATACAAAAGGCCTTACCTCATTGCCTGC
 ACCCGACACGTCATTCAAGCCTTTGCTCTCTGAAGAACAGCAGGAAATGGTGAAGCTTTCTCTGTGCGAG
 TCTGGAATGAAACTTGACTGGTCTCAGAAGTGCCTTCAAGATAACGAGTGGGACTACACCAAAGCTGGTG
 AGGCCTTCACTGCTCTCCAGAATGAGGGCAAGATCCCAAAGGAATTTCTCAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001289736

Insert Size: 2016 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<ol style="list-style-type: none">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:	<u>NM_001289736.1, NP_001276665.1</u>
RefSeq Size:	2319 bp
RefSeq ORF:	2016 bp
Locus ID:	83454
Cytogenetics:	X 56.31 cM