

Product datasheet for **RN208996**

Nxf1 (NM_021579) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nxf1 (NM_021579) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nxf1
Synonyms:	Mex67h; Tap
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208996 representing NM_021579
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGACGAAGGGAAGTCATACAACGAACATGATGACCGTGTTAGTTCCACAAAGAAGAAAGAAAG
 GTCGGGGGCCTTCCGATGGAAGTGTGGTGTGGGGAATCGTAGGTCTGGAAGAGGTGTTCTGGTATACG
 GTCTTCCCGGTTTGAGGAAGATGATGGAGATGTGGCAATGAATGATCCCCAGGATGGCCCCGAGTGAGA
 TTCAACCCCTATACCACCCGACCTAACCGTCGGAGAGATACTTGGCATGATCGAGATCGGATTCATGTTA
 CTGTACGGAGAGACAGAGCTCCTCAAGAAAGAGGAGGTGCTGGCACCAGTCAAGATGGGACCACCAAGAA
 CTGTTTCAAGATTACAATTCCTTATGGCAAAAAGTATGATAAAATGTGGCTTCTGAGCATGATTCAAAGC
 AAGTGCAGTGTCCCTTCAACCCATTGAGTTTCACTATGAAAAACACGGGCCATTTTTTTGTGGAAA
 ATGCCACTACCGTTCTGCATTAAGGCTGTCACTATAAGATTCAGGATCGAGAAAACGGAAGGATATC
 TATCATCATCAACTCTTCTGCTCCACCCTATATTGTACAGAATGAACTGAAGCCTGAACAAGTAGAGCAG
 CTAAGCTGATCATGAGCAAACGATATGATGGCTCCAGCAAGCACTTGACCTCAAGGGCCTCCGCTCAG
 ACCCAGATTTGGTGGCCAGAACATCGATGTTGTTCTAAACCGTAGAGGCTGTATGGCAGCCGCCCTGAG
 GATCATTGAAGAGAACATTCTGAGCTATTGTCTTTGAACTTGAGTAACAACAGGCTGTACAAGCTTGAT
 GACATGTCCAGCATTGTACAGAAGGCACCAAACTTAAAGATCCTGAATCTCTCTGGAAACGAATTGAAGT
 CCGAGTGGGAATTAGACAAGATAAAAGGGCTGAAGCTGGAAGAGCTGTGGCTTGACAGAAACCCCATGTG
 TGACACCTTCTAGACCAGTCCACCTATATCAGCACCATTCGCGAACGATTTCCCAAGTTATTACGCCTG
 GATGGCCATGAGTACCCCTCCAATTGCCTTTGATGTGGAAGCCCTACTATGTTACCACCTGCAAGG
 GAAGCTATTTTGAACAGAGAACCCTAAAGAGTCTGGTCTGCACCTCTTGACAGCAGTACTATGCAATTTA
 TGACTCAGGAGACCGCCAGGGTCTTCTGGATGCCTACCATGATGGCGCCTGTTGCTCGCTAAGCACTCCT
 TCCAACCTCAGAACCTGTCCGACACAACCTAGCCAAACTTCAATGACAGCAGAAATGTGAAGAAGA
 TTAAGATACCACCACGCGGTTCCGGCTATTAAGCATACACGTCTTAATGTCGTTGCCTTCTCAATGA
 GTTACCTAAAACCTACCATGACGTTAACTCCTTTGTTGAGATATAAGTGCCCAAACAAGCACATTGTTG
 TGTTTTCTGTCAATGGAGTCTTCAAGGAAGTGGACGGGAAGTCTCGAGATTCTTTACGTGCTTTCACGA
 GAACGTTCAATTGCTGTTCTGCCAGCAATTCAGGGCTATGATTGTAATGACGAATTATTTGTGCGGAA
 CGCCAGCCCTGAAGAAATCCAAAGAGCCTTCGCCATGCCTGCACCCACACCTTCTCCAGCCAGTACCC
 AACTCTCCCAAGAACAGCAGGATATGTTACAAGCATTCTACCCAGTCTGGCATGAACCTCGAGTGGT
 CTAGAAGTGCCTTCAAGACAATAACTGGGACTACACCAGATCTGCCAGGCCTTCACTCATCTCAAGGC
 CAAGGGAGAGATTCCAGAAGTAGCGTTTATGAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_021579
- Insert Size:** 1857 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.

RefSeq: [NM_021579.1](#), [NP_067590.1](#)

RefSeq Size: 2252 bp

RefSeq ORF: 1857 bp

Locus ID: 59087

UniProt ID: [O88984](#)

Cytogenetics: 1q43

Gene Summary: mouse homolog is involved in nuclear export of RNA transcripts and associates with NXT1 [RGD, Feb 2006]