

Product datasheet for **RN201618**

Nxf7 (NM_001037216) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nxf7 (NM_001037216) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nxf7
Synonyms:	MGC114500
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201618 representing NM_001037216
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGCTCTAATGAAAGGAGGCAGGGACCCCTTTAGATACACAGGAAGAAAGAAAGACAGGGTTTCTCTC
 TGGGCTATACTGGCAAGAAGACCAATCATTATGAGGATACTGGGCACACAATTCTGCCTTCAAAGCCTG
 GGGTAATGGTGGAAATATGGAGACGAGAGCCGTTCTCTGGAACCCATCCGTAAGACACACACCTTATTCT
 GGACGACGTAAGAGCAGAGAGGAAGAGCATGTGGAGGACCAATCCATATCACAGTGTGGAGAGATGAAA
 AAGCTCAAAGAGAGAAGTGGAGCAGTTACAGAAGACGGAACACTGGAGAGCTGGTTCAAGGTCACGAT
 TCCATGTGGGAGAAAGTGTGACAAGACACAGCTAATGAATTCAGTCCACAGCCTTTCAGCGTGCCCTTC
 ACACGAGTGGATTTTCATTGTGACAAATACCGGATCCAGTTCTTGTCCAGGATTCTAGCATTGCATATG
 CATTGAAGGATGTCAGCTACAAGATAAGTAGTGAGGACTTTGAGAAGATACCTATTTTTGTCAATCCCTC
 AGTTGCACCCTACTCTGTGCAGAATAGGTTCAAGAGAACAAATGGAGCAACTGAAGCTGGCCATGAAG
 AAAAGATATGATATTTCCAGCATGCTCTGTGCCTCAAAAAGCTCCGCTTTGACCAGACTTGATGAATC
 ACAACATAGACATGATTCTGAACAGAAGAAGCTGCATGACTGCCACCCTTCAGATCATCCAAGAGGATT
 TCCTAAGCTGTTATCCTTGAACCTTGAGCAGCAACAACTGTTCCAGTTAGATAGCCTGTTTGACGTTGTA
 AAGAAGGCACCCAAGCTCAAGATCCTGAACCTCTCAAAAACATGCTAAGAACAGCATGGAACTGGAGA
 AGATAAGAGGGCTGAAGCTGGAACAGCTGTGGCTAGAAGGGAATCCCTTGTGCAGCACCTTCCAGACCA
 TTCTTCTTACGTAAGTGAATCCTGGAGATTTTCCGAGTTGTCATGCCTGGATGGCAGGAAGTTACCA
 CTTTCAACTGGAATGGATATTGAAGAACCCAGTTAATGAAGCCCGCAAGGCCATCTTTAAAGGTTCCG
 AGGCCATAAAGAATCAAGTGCAGCAATTCCTGCAAGACTATTACTTGATCTATGACTCTGAAGAGCGACA
 AGGTCTCCTGAGCATTTACCATGAGCAGGCTGTTTCTCCCTGACCATTCCCTTCAACCCAGTGGTCCA
 GATCTGAGTAGCATGTGTGGTACTTCAAGGATGAAAGGATGTGAAGAATCCCAAGGAGTTCACATTC
 AGAGGCAGCTGCTGAAGTACACAAAAGAAGATATTGTGGGCTATCTGAGGACATTACCAAAAACCTGCA
 TGTCTTCAACTCTTCCAGGTGGACATCTGTTCCAGATGGAAAAACGCTCTGCTTCTCTGTTAGTGGG
 TTGTTCAAGGAAGTGGAGGCAGCTCTCAGGAATGCATCCGTGCCTTCATGAGGATCTTCATTGCTGTCT
 TTGAAAGTAGTTCAAACCTGTGCATTGTGAATGACCAACTTTTGTGAGGAATCCAAGCCCTGATGAGAT
 CCAGGGTGCCCTTGTATATCTCGCCACATCATGCTCCAGCTTCAAGCTCGTCTTTCTCAAGAGCAG
 CAAAGAATGGTGCAGGCTTCTCCACCCAGTCGGGGATGAACTTGAATGGTCTCAGAAATGCCTTGATG
 ACAACAAGTGGGACTATACTAGAGCTGCTGAAGTCTTCACTATGCTCCAGACCAAGAGTAAGATCCCGAA
 GGAATTCTTCAAACAAATGACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001037216

Insert Size: 1845 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_001037216.1, NP_001032293.1

RefSeq Size: 2278 bp

RefSeq ORF: 1845 bp

Locus ID: 501621

Cytogenetics: Xq32