

Product datasheet for **RN212571**

Nfib (NM_031566) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nfib (NM_031566) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nfib
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212571 representing NM_031566
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGTATTCTCCCATCTGTCTCACTCAGGATGAATTCACCCATTTATTGAGGCGCTTCTCCACACG
TCCGTGCAATCGCTATACGTGGTTCAACCTGCAGGCTCGAAAACGCAAGTACTTTAAAAAGCATGAGAA
GCGGATGTCGAAGGATGAAGAAAGAGCAGTCAAAGATGAGCTGCTCAGTAAAAGCCTGAAATCAAACAG
AAGTGGGCATCCAGGCTCCTGGCCAAGCTGCGCAAAGATATCCGCCAGGAGTACCGCAGGACTTTGTGC
TTACCGTGACTGGCAAGAAGCACCCGTGCTGTGTCTTATCCAATCCAGACCAGAAGGTAAGATTAGGAG
GATCGACTGCCTGCGACAGGCAGACAAAGTCTGGCGTCTGGATCTAGTCATGGTGTCTGTTCAAAGGC
ATCCCTTTGGAGAGTACCGATGGAGAGCGACTTATGAAGTCCCCACACTGCACAAACCCAGCACTTTGTG
TGCAGCCGACCATATCACAGTATCAGTTAAGGAGCTTGACCTGTTTTTGGCATACTACGTGCAGGAGCA
AGATTCTGGGCAATCAGGAAGTCCAAGCCACAATGATCCTGCCAAGAATCCTCCAGGGTACCTAGAGGAC
AGTTTTGTAAAAATCCGGAGTCTTCAACGTATCAGAGCTTGTGAGAGTATCCAGAACCCATAACCCAGG
GGACTGGAGTCAACTTCCAATCGGAGAAATCCCCAGCCAACCATACTATCATGACATGAACTCTGGCGT
GAACCTGCAGAGGTGCTGTCTTCTCCACCGAGCAGAAAAGACCCAAAACCTATATCCATAGATGAAAAT
ATGGAGCCAAGTCTACAGGAGACTTTTACCCCTCTCAAATTCACCAGCTGCTGGAAAGTGAACATGGC
ATGAGCGAGATCAAGATATGTCTTCTCCAATACAATGAAGAAGCCTGAGAAGCCACTGTTTAGCTCTAC
ATCTCCACAGGATTTTCCCAAGATTGAGCACTTTTCCCAGCACCACCATCCCGGAATACCTGGAGTC
GGCAGCAGTGTCTCAACTCGAACTCCACCTCACCCTCACCCTGTTGCCATTTCCAACGAAGCTATCC
TTCTCCAGCACCATCAAGTTACTTTTCTCATCCAACAATCAGATATCCTCCTCACCTGAATCCTCAGGA
TACTCTGAAGAAGTATGTACCTTCTTATGACCCGTCCAGTCTCAAACGAGCCAGCCTAACAGCAGTGGT
CAAGTAGTAGGAAAGTGCCTGGCCATTTACGCCTGTCTTGGCACCTCTCCCATCCAGTGCAGTGC
GACCTGTGACCCTGACCATGACAGATACTAAACCCATCACTACATCCACTGAAGCCTACACAGCCTCAGG
CACATCTCAAGCCAATCGATATGTGGGACTAAGCCCAAGAGACCCATCCTTCTGCATCAGCAACAGTCC
TGGTACCTGGC**TAG**

ACGGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_031566

Insert Size: 1485 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_031566.1](#), [NP_113754.1](#)

RefSeq Size: 2201 bp

RefSeq ORF: 1485 bp

Locus ID: 29227

Cytogenetics: 5q31

Gene Summary: may regulate gene expression in olfactory neurons [RGD, Feb 2006]