

Product datasheet for **RN207886**

Narfl (NM_001013183) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Narfl (NM_001013183) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Narfl
Synonyms:	MGC109005
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN207886 representing NM_001013183
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGTCGCCCTTCAGTGGGGCACTACAGCTGACCGACCTGGATGACTTCATCGGGCCGTCTCAGAGTT
 GCATCAAGCCGGTGACGGTGGCTAAGAAGCCTGGAAGTGGGATAGCCAAGATCCACATCGAAGATGATGG
 CAGTTACTTCCAAGTGAACCCAGATGGAAGAAGCCAGAAGCTGGAGAAGGCCAAGGTCTCCCTGAACGAC
 TGCCTGGCTGCAGTGGCTGTGTCACTTCAGCAGAGACGATACTCATCCCCAGCAGAGTCACGAGGAAC
 TGGCGAAGGTTCTAGATGCTAATAAGGTGGCAGCACCGGGTCAGCAGCGGCTCGTGGTGTGTCCGTCTC
 ACCGCAGTCTAGAGCGTCACTGGCTGCCAGGTTTCAGCTAGACTCCACAGACACCGCCAGGAAATTAAT
 TCATTCTTCAAAAAATAGGGGTGCACTTCGTCTTCGATACTGCCTTCGCAAGGAATTCAGCCTTTTGG
 AGAGCCAGAAAGAGTTTGTGCAGCGATTCCGAGAACAGCCAATCCAGAGAGGCCTTGCCCATGCTGGC
 TTCCGCCTGCCAGGCTGGATCTGCTATGCTGAGAAGACTCATGGCAATTCATTCTCCCTACATCAGT
 ACAGCCCGATCCCCACAGCAGGTTATGGGCTCCCTGATCAAAGACTTCTTGCACAGCAACAGCTCCTGA
 CTCTGACAAGATCTACCACGTAAGTGTGATGCCTGCTATGACAAAAAAGTGAAGCATCCAGACCTGA
 CTTCTTCAACCAGGAGTACCAGACCCGTGACGTGGACTGTGTCTTACAACAGGAGAAGTCTTCAGACTG
 CTGGAGGAAGAAGGAGTCTCCCTCTCAGAGCTGGAGCCTGTGCCCTGGATGGCTTAACCAGGAGTGTGT
 CTGCTGAGGAGCCACCAGCCATCGGGGCGGAGGCTCAGGAGGGTACCTGGAGCAGTGTTCGGGCACGC
 AGCCCAAGAGCTGTTTGAATCCATGTGGCTGACGTCACTACCAACCCATGAGGAACAAGGACTTCCAG
 GAAGTGACACTGGAGAGGAAGGCCAGGTGCTGTTGCGCTTGTGTGGCTATGGCTCCGCAACATCC
 AGAACCTCGTGCAGAAGTTAAACGAGGCGCTGTCCCTACCATTACGTGGAAGTAATGGCTGCCCTTC
 AGGCTGCTTGAATGGAGGGGTGAGCTCAAGGCTCCAGATACGGAAGGCAGGGAGCTCTCCAGCAAGTG
 GAAAGACTGTACAGCATGGTGAAGACGAGGCGCCGAAGATGCCCTGGGGTCCAGGAGCTGTACCAGC
 ATTGGCTGCAAGGCGAGGACTCAGAGCGGGCCAGCCACCTGCTGCACACGCACTACCATGCTGTGGAGAA
 GATCAACTCAGGCCTCAGCATCAGGTGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001013183
- Insert Size:** 1431 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_001013183.1, NP_001013201.1

RefSeq Size: 2045 bp

RefSeq ORF: 1431 bp

Locus ID: 360496

UniProt ID: Q5BK18

Cytogenetics: 10q12

Gene Summary: Component of the cytosolic iron-sulfur protein assembly (CIA) complex, a multiprotein complex that mediates the incorporation of iron-sulfur cluster into extramitochondrial Fe/S proteins. Seems to negatively regulate the level of HIF1A expression, although this effect could be indirect (By similarity).[UniProtKB/Swiss-Prot Function]