

Product datasheet for **MC201898**

Narfl (NM_026238) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Narfl (NM_026238) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Narfl
Synonyms:	9030612I22Rik; AI504405; PRN
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC052830 sequence for NM_026238
AAGAGGTAATCCGTGAGGCTGTCATGGCGTCGCCCTTCAGTGGGGCACTACAGCTGACCGACTTGGACGA
CTTCATCGGGCCATCTCAGAATTGCATCAAGCCTGTAAAGGTGGCTAAGAAGCCAGGAAGTGGCATAGCC
AAGATCCACATTGAAGACGATGGCAGTTACTTCCAAGTGAACCAAGACGGAAGAAGCCAGAAGCTGGAGA
AGGCCAAGGTCTCCCTGAATGACTGCCTGGCGTGCAGCGGCTGTGTCACCTCAGCAGAGACAGTACTCAT
CACCCAGCAGAGTCACGAGGAAGTGCAGGAGTTCTAGATGCTAATAAGGAGGCAGCACCTGGTCAGCAG
CGGCTGGTGGTCGTTTCCATATCGCCGCACTCCAGAGCATCACTGGCTGCCAGGTTTCGGCTGGACCCCA
CAGACACTGCCAGGAAATTAACCTTCATTCTTCAAAAAAATAGGGGTCCACTTTGTCTTTGATACTGCCTT
CGCGAGGAACCTTCAGCCTTTTGGAAAGCCAAAAAGAGTTTGTGCAGCGCTTCCGAGAGCAAGCCAACTCC
AGAGAGGCCTTGCTGTGCTGGCTTCCGCCTGCCAGGCTGGATCTGCTATGCTGAGAAGACACATGGCA
ACTTCATCCTCCCTACATCAGTACAGCCCGTCCACAGCAGGTTATGGGCTCCCTGGTCAAAGACTT
CTTCGCACAACAGCAGCTTCTGACTCCTGACAAGATCTACCATGTAAAGTGTATGCTGCTATGATAAA
AAGCTAGAAGCATCCAGACCTGACTTCTCAACCAGGAGTACCAGACCCGTGATGTGGACTGTGCTCTTA
CAACAGGAGAAGTCTTCAGGCTGCTGGAGGAAGAAGGAGCCTCCCTCACGGAGCTGGAGCCTGCGCCCT
GGATGGCTTAACCAAGTAGTGTGCTGCTGAGGAGCCAGCAGCCATCGGGGCGGAGGCTCAGGAGGCTAC
CTGGAGCATGTGTTCCGGCACGCAGCCCAAGAGCTCTTTGGAATCCACGTGGCTGAAGTCACCTATCAAC
CCTTGAGGAACAAGGACTTCCAGGAAGTGACACTGGAAAGGGAAGGCCAGGTACTGTTGCCTTTGCTGT
GGCCTATGGTTTCCGTAATATCCAGAACCTCGTGCAAGTTGAAACGAGGCCGCTGTCCCTACCATTAC
GTGGAAGTAATGGCCTGCCCTTCAGGTTGCTTGAATGGAGGGGCCAGCTCAAGGCTCCGGATACAGAGG
GCAGCGAGCTCCTTCAGCAGCTGGAAAGACTGTACAGCATGGTGAGGACTGAGGCGCCCGAAGATGCACC
GGGGGTCCAGGAGCTGTACCAGCACTGGCTGCAAGGAGAGGACTCAGAGCGGGCCAGCCGCTGTGCAC
ACACAATACCATGCCGTGGAGAAGCCAGCTCAGGCTGAGCATCAGGTGGTAGGAGGCTTGAGTCTGT
GAGACCCCGGGGCCAGCACCAAGACTCACGGAAGACTAGACTGTGTGGGTATCTGAAACAAAGCCAC
AGGATACGCCCGAGACCCTCAATTCAAGGAGAGCTCCAAGGATGTGTTGGACTCTGTGCTCCAGTGGGGC
ACTGGCTGCACGTGGGTCTTGAGATGCGTGACCCATGTCTCTGGCTGGTAATGTTGCCTGCAGCCAC
ATAAAGTGCAGGCAGGATCAGAAGTAGCCAAGTAGGTTCACTGAGGTTCCAGACTCTTCCACCGCCTGG
GGCCATGGACATCTTGTGAGCCCTGCCCTCTGGCTGTAGTTGTCTGAGTGTGAGGGGTTTCAATTTCTATG
GCTAATCCCCAAAGCTGTAAACATAGGGCAGGTACCTACTGAGGCACCCAGGCTTCTAAAACTGTTCT
CAGGACCTTGGGCTCTGGGCAGTCTGTCAGTACCAAGCCTTTATGCCTATGAGAACTCCATAGCTGGGTC
TCACCACTAATAAACAGACCTGCACCTCTAAA
AA

Restriction Sites: RsrII-NotI

ACCN: NM_026238

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC052830</u> , <u>AAH52830</u>
RefSeq Size:	2070 bp
RefSeq ORF:	1431 bp
Locus ID:	67563
UniProt ID:	<u>Q7TMW6</u>
Cytogenetics:	17 A3.3
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]