

## Product datasheet for **MR207374**

### Narf (NM\_026272) Mouse Tagged ORF Clone

#### Product data:

|                           |                                         |
|---------------------------|-----------------------------------------|
| Product Type:             | Expression Plasmids                     |
| Product Name:             | Narf (NM_026272) Mouse Tagged ORF Clone |
| Tag:                      | Myc-DDK                                 |
| Symbol:                   | Narf                                    |
| Synonyms:                 | 4430402O11Rik                           |
| Mammalian Cell Selection: | Neomycin                                |
| Vector:                   | pCMV6-Entry (PS100001)                  |
| E. coli Selection:        | Kanamycin (25 ug/mL)                    |



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## ORF Nucleotide Sequence:

>MR207374 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGAAGTGTGAGCACTGCACACGAAAGGAATGTAGTAAAAATCAAAACTGATGACCAGGAGAATGTGT  
 CCAGTGATGGGGCCAGCCAAGCGATGGGGCCAGCCAGCAAGGAGAGTGAAGAGAAGGGAGAGTTCCA  
 TAAATTGGCTGATGCAAAAATATTTCTGAGTGACTGCCTGGCATGTGACAGCTGTGTGACTGTGGAGGAA  
 GGTGTCCAGCTTTCTCAGCAGAGTGCCAAGGACTTCCTTCATGTCCTGAATCTTAATAAGAGATGTGATA  
 CCTCAAAGCACAGAGTTCTGGTGTGTCTGTGTCTCAGTCTCTACCTATTTTGTGCTAAATTCAA  
 CCTCAGTGTCACTGATGCATCTAGAAGGCTGTGTGGCTTCCTCAAAGTCTTGGGTGCACTATGTATTC  
 GACACCACAATCGCTGCAGATTTACGATTCTGGAGAGTCAGAAGGAGTTGTACGCCGGTATACCAAC  
 ACAGTGAGGAACAGCGTGAAGTCCCATGTTGACCTCTGCCTGTCTGTTGGTGGTGCAGATATGCTGAGCG  
 GGTGCTGGGTGCGCCATCATCCATATCTCTGTACGCCAAGTCCCCCAGCAGGTGATGGGCTCCTTG  
 GTGAAGGATTACTTTGCCAGGCAGCAGAATCTGTCTCCAGAGAAAATCTCCATGTTGTCGTGGCTCCTT  
 GCTATGATAAGAAGCTGGAAGCTCTTCGAGAGGGACTTTCCACTACTTTAAATGGTGCTCGGGGCACTGA  
 CTGTGTGCTGACATCAGGTGAAATTGCTCAGATAATGGAGCAAAGTGACCTCTCTGTGAAAGACATTGCT  
 GTGGATACTTTGTTTGGAGACATGAAGGAGGTGGCAGTCCAGCGTCATGATGGAGTGAGTTCAGATGGGC  
 ATCTGGCTCACGTTTTGAGACACGCAGCCAAGGAGCTGTTTGGCAGCACGTGGAGGAGATCACCTACCG  
 TGCACTCAGGAACAAAGACTTCCATGAGGTTACCTTGAGAAGAACGGGGAGGTCCTACTGCGCTTTGCT  
 GCAGCGTACGGCTTTGCAACATTCAGAACATGATCCAGAAGCTCAAGAAGGGCAAACCTCCCATACCACT  
 TTGTGGAGGTGCTCGCGTGTCCAGAGGTTGCTTAAATGGCAGAGGCCAAGCACAGACAGAGGACGGCCA  
 CACAGATCGTGCACTGCTGCAGCAAATGGAAGGGATCTACTCCGGCATCCCTGTGCGGCCCCCAGAGAGC  
 AGTACACATGTGCAGGAGTTGTACCAGGAGTGGCTGGAGGGTACTGAATCTCCCAAAGTCCAGGAGGTGC  
 TGCACACCAGCTACCAGAGCTTGGAGCCCTGCACAGACGGCTGGATATCAAGTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

## Protein Sequence:

>MR207374 protein sequence  
 Red=Cloning site Green=Tags(s)

MKCEHCTRKECSKSKTDDQENVSSDGAQPSDGASPAKESEEKGEFHLADAKIFLSDCLACDSCVTVEE  
 GVQLSQSAKDFLHVLNLNKRCDTSKHRVLVVSVCPLPYFAAKFNLVTDASRRLCGLKSLGVHYVF  
 DTTIAADF SILESQKEFVRRYHQHSEEQRELPLMTSACPGWVRYAERVLGRPIIPYLCTAKSPQQVMGSL  
 VKDYFARQQNL SPEKIFHVVPAPCYDKKLEALREGLSTTLNGARGTDCVLTSGEIAQIMEQSDLSVKDIA  
 VDTLFGDMKEVAVQRHDGVSSDGLAHVFRHA AKELFGEHV EETIYRALRNKDFHEVTLEKNGEVLLRFA  
 AAYGFRNIQNM IQKLKKGKLPYHFVEVLACPRGCLNGRGQAQTEDGHTDRALLQQMEGIYSIGIPVRPPES  
 STHVQEL YQEWLEGTESPKVQEV LHTSYQSLEPCTDGLDIKW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

## Restriction Sites:

SgfI-MluI

## Cloning Scheme:



ACCN: NM\_026272

ORF Size: 1386 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM\\_026272.3](#)

RefSeq Size: 4426 bp

RefSeq ORF: 1389 bp

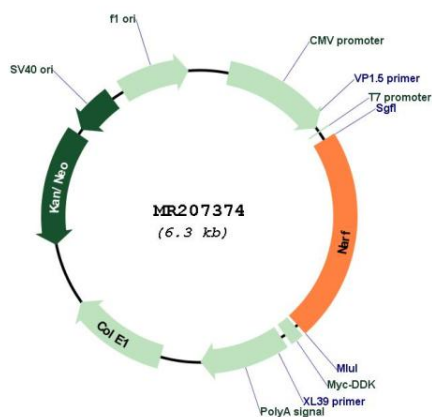
Locus ID: 67608

UniProt ID: Q9CYQ7

Cytogenetics: 11 E2

MW: 51.8 kDa

## Product images:



Circular map for MR207374