

Product datasheet for **MG207374**

Narf (NM_026272) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Narf (NM_026272) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Narf
Synonyms:	4430402O11Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG207374 representing NM_026272
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGTGTGAGCACTGCACACGAAAGGAATGTAGTAAAAATCAAAACTGATGACCAGGAGAATGTGT
 CCAGTGATGGGGCCAGCCAAGCGATGGGGCCAGCCAGCAAGGAGAGTGAAGAGAAGGGAGAGTTCCA
 TAAATTGGCTGATGCAAAAATATTTCTGAGTGACTGCCTGGCATGTGACAGCTGTGTGACTGTGGAGGAA
 GGTGTCCAGCTTTCTCAGCAGAGTGCCAAGGACTTCCTTCATGTCCTGAATCTTAATAAGAGATGTGATA
 CCTCAAAGCACAGAGTTCTGGTTGTGTCTGTGTCTCAGTCTCTACCTATTTTGTGCTAAATTCAA
 CCTCAGTGTCACTGATGCATCTAGAAGGCTGTGTGGCTTCCTCAAAGTCTTGGGGTCACTATGTATTC
 GACACCACAATCGCTGCAGATTTACGATTCTGGAGAGTCAGAAGGAGTTGTACGCCGGTATACCAAC
 ACAGTGAGGAACAGCGTGAAGTCCCATGTTGACCTCTGCCTGTCTGTTGGTGGTCAGATATGCTGAGCG
 GGTGCTGGGTGCGCCATCATCCATATCTCTGTACGCCAAGTCCCCCAGCAGGTATGGGCTCCTTG
 GTGAAGGATTACTTTGCCAGGCAGCAGAATCTGTCTCCAGAGAAAATCTCCATGTTGTCTGGCTCCTT
 GCTATGATAAGAAGCTGGAAGCTCTTCGAGAGGGACTTTCCACTACTTTAAATGGTGCTCGGGGCACTGA
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 GCAGCGTACGGCTTTGCAACATTCAGAACATGATCCAGAAGCTCAAGAAGGGCAAACCTCCCATACCACT
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 CACAGATCGTGCACTGCTGCAGCAAATGGAAGGGATCTACTCCGGCATCCCTGTGCGGCCCCCAGAGAGC
 AGTACACATGTGCAGGAGTTGTACCAGGAGTGGCTGGAGGGTACTGAATCTCCCAAAGTCCAGGAGGTGC
 TGCACACCAGCTACCAGAGCTTGAGGCCCTGCACAGACGGCCTGGATATCAAGTGG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG207374 representing NM_026272
 Red=Cloning site Green=Tags(s)

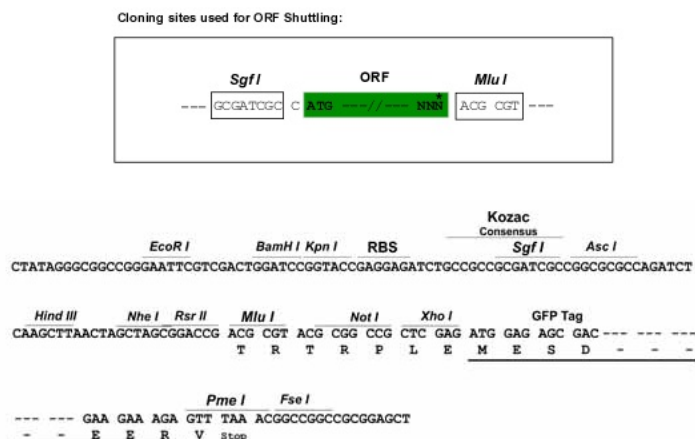
MKCEHCTRKECSKSKTDDQENVSSDGAQPSDGASPAKESEEKGEFHKLADAKIFLSDCLACDSCVTVEE
 GVQLSQSAKDFLHVLNLNKRCDTSKHRVLVVSVCPSLPYFAAKFNLVTDASRRLCGFLKSLGVHYVF
 DTTIAADFSSILESQKEFVRRYHQHSEEQRELPLMTSACPGWVRYAERVLGRPIIPYLCTAKSPQQVMGSL
 VKDYFARQQNLSPEKIFHVVVAPCYDKKLEALREGLSTTLNGARGTDCVLTSGEIAQIMEQSDLVKDIA
 VDTLFGDMKEVAVQRHDGVSSDGHLAHVFRHAAKELFGEHVVEITYRALRNKDFHEVTLEKNGEVLLRFA
 AAYGFRNIQNMIQKLKKGKLPYHFVEVLACPRGCLNRRGQAQTEDGHTDRALLQQMEGIYSIGIPVRPPES
 STHVQELYQEWLEGTESPKVQEVLTSHYSQSLPEPCTDGLDIKW

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-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: 4392 bp

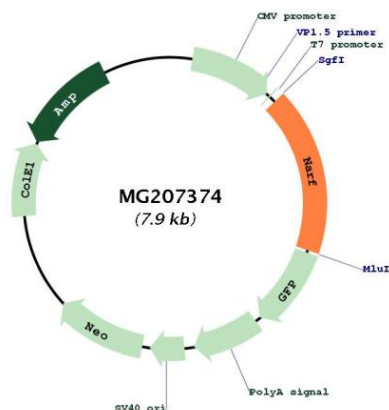
RefSeq ORF: 1389 bp

Locus ID: 67608

UniProt ID: Q9CYQ7

Cytogenetics: 11 E2

Product images:



Circular map for MG207374