

## Product datasheet for **MG203187**

### Nars2 (BC030041) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nars2 (BC030041) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Nars2
Synonyms:	MGC41336
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203187 representing BC030041 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCAGGAGCTTTTACCCAAGTATTTACCTTTGGTCCAACATTCGAGCTGAGAATTCTCAGAGCCGGA  
GACACCTGGCTGAATTTATATGGTTGAAGCGGAGATTTCTTTGTTGAAAGCCTTCAGGATCTCATGCA  
GGTCATGGAGGAACCTTCAAGGCGACCACGGAGATGGTTCTCTCACACTGTCCTGAAGATGTTGAATTG  
TGTCACCAGTTCATAGCTGCTGGCCAGAAGGGCAGACTAGAACATATGCTAAAAACAACCTCCTAATCA  
TTTCTTATACGGAGGCAATTGAGATCTTAAAGCAAGCATCCAGAACTTCGCCTTTACACCCAAGTGGGG  
TGTTGATCTACAAACGGAACATGAGAAGTACCTGGTGAGACACTGTGGCAACATACCAGTCTTTGTCAAT  
AATTATCCATCAGAACTCAAGCCCTTCTACATGAGGGAGAATGAAGATGGTCCTCAGAATACAGTTGCTG  
CTGTAGATCTTCTGGTTCCTGGAGTTGGGGAGCTCTTTGGAGGTAGCCTCAGGGAGGAACGGTACCACGT  
CCTAGAGCAGCGACTAGCAAGATCAGGACTTACGAAAGCCTACCAGTGGTACCTGGATCTTCGCAAGTTT  
GGATCTGTGCCCCATGGAGGCTTCGGGATGGGATTTGAACGCTACTTACAGTGCATCCTAGGAGTTGACA  
ATATCAAAGATGTTATCCCTTTTCCAAGGTTTACTCATTTCGTGCTTTTG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203187 representing BC030041  
 Red=Cloning site Green=Tags(s)

MSGAFTQVFTFGPTFRAENSQSRRLAEFYMVEAEISFVESLQDLMQVMEELFKATTEMVLSHCPEDVEL  
 CHQFIAAGQKGRLEHMLKNNFLIISYTEAIEILKQASQNFAPFKWGVLDLQTEHEKYLVRHCGNIPVFVI  
 NYPSELKPFYMNEDGPQNTVAAVDLLVPGVGELFGSLREERYHVLEQRLARSLTKAYQWYLDLRFK  
 GSVPHGGFGMGFERYLQCILGVDNIKDVIPFRFTHSCLL

TRTRPLE - GFP Tag - V

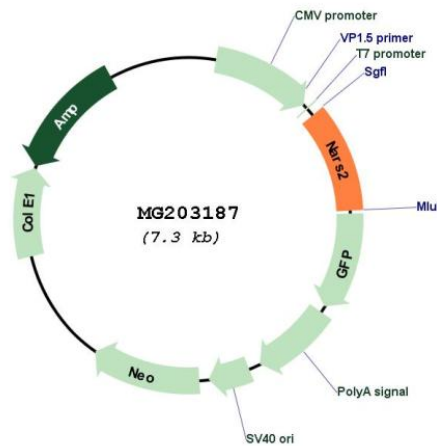
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: BC030041

ORF Size: 752 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC030041</a> , <a href="#">AAH30041</a>
<b>RefSeq Size:</b>	1721 bp
<b>RefSeq ORF:</b>	752 bp
<b>Locus ID:</b>	244141
<b>Cytogenetics:</b>	7 E1