

## Product datasheet for **MG200598**

### Nmb (NM\_026523) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Nmb (NM\_026523) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Nmb  
**Synonyms:** 3110023K12Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG200598 representing NM\_026523  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGACCCGGCAAGCAGGGAGCTCTGGCTCCTCCGTGGTCTCCTGCTCTTCGCATTGTTGCTTCCGGCG  
 TCGCTCCCTTCAACTGGGATCTCCCGAGCCCCGAGCCGAGCAAGCAAGATTGAGTGCACCCCTCGGGG  
 CAACCTCTGGGCGACCGGTCACTTCATGGGCAAGAAGAGCCTGGAACCCCGAGCCTGCTACTGGTGGGG  
 ACAGCACCCCTAACACCCGAGGGACCAGAGACTACAGCTGAGTCATGATCTGCTCAGGATCCTCTGC  
 GAAAGAAAGCTTAGGCATGAACCTCAGTGGCCAGCTCCCCAATCCAGTACAGGAGGCTGCTGGAGCC  
 ACTACTGCAGAAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG200598 representing NM\_026523  
 Red=Cloning site Green=Tags(s)

MTRQAGSSWLLRGLLLFALFASGVAPFNWDLPEPRSRASKIRVHPRGNLWATGHFMGKKSLEPPSLSLVG  
 TAPPNTPRDQRLQLSHDLLRILLRKKALGMNFGSPAPPIQYRRLLLEPLLQK

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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<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="#">NM_026523.4</a>
<b>RefSeq Size:</b>	662 bp
<b>RefSeq ORF:</b>	366 bp
<b>Locus ID:</b>	68039
<b>UniProt ID:</b>	<a href="#">Q9CR53</a>
<b>Cytogenetics:</b>	7 D3
<b>Gene Summary:</b>	This gene encodes a member of the neuromedin family of neuropeptides. The encoded protein is a precursor that is proteolytically processed to generate a biologically active neuropeptide that plays a role in satiety, reproduction and thermoregulation, as well as in stress, fear and other behavioral responses. This gene encodes distinct isoforms, some or all of which may undergo similar processing to generate the mature protein. [provided by RefSeq, Sep 2016]