

## Product datasheet for MC212645

### Nmur2 (NM\_153079) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nmur2 (NM_153079) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nmur2
Synonyms:	Nmu2r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212645 representing NM_153079 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGAAAACCTGAAAATGCTTCCTGGATCCACGATTCTCTCATGAAGTACTTGAACAGCACAGAGGAGT  
ACTTGGCCTACCTGTGTGGACCCAAGCGCAGTGACCTATCCCTCCAGTGTCTGTGGTCTATGCGCTGAT  
CTTCGTGGTGGGGTGATAGGCAATCTTCTGGTGTGCCTGGTATTGCCCGACATCAAACCTTTGAAGACA  
CCCACCAACTACTATCTTTCAGCTTGGCAGTCTCAGACTTGCTGGTCTGCTCTTAGGTATGCCACTGG  
AGGTCTACGAGTTGTGGACAATTATCCCTTCCTGTTGGCCGGTGGGATGCTACTTCAAGACAGCCCT  
TTTCGAGACTGTGTGCTTTGCCTCCATTCTCAGTGTACCACGGTTAGCATTGAGCGCTACGTGGCCATT  
GTCCATCCGTTCCGAGCCAAGCTGGAGAGCACACGGCGACGGCCCTCAGGATCCTCAGCCTAGTCTGGA  
GCTTCTCTGTGGTCTTTTCTTTGCCAACACCAGCATCCATGGCATCAAGTTCAGCAGTTTCCCAACGG  
GTCCTCTGTGCCCGCTCTGCCACCTGCACAGTCAACAAACCATATGGGTGTATAAATTCATCATCCAA  
GCTACCTCCTTCTTCTACATCCTCCCGATGACCCCTCATCAGCGTCTCTACTATCTCATGGGGCTCA  
GGCTGAAGAGAGATGAATCTCTTGAGGCAGACAAAGTACTGTGAATATTCACAGACCCCTCCAGAAAATC  
AGTCACCAAGATGCTGTTGTCTTGGTCTCGTGTGCTATCTGTTGGACCCCTTCCATGTGGACAGG  
CTTTCTCAGCTTTGTGGACGAGTGGACTGAGTCCCTGGCTGCTGTTCAACCTCATCCACGTGGTAT  
CAGGTGTCTTTTCTATCTGAGCTCCGCTGTCAACCCATTATATAAACCTCCTGTCTCGGCGCTTCCG  
GGCGGCCCTTCGGAATGTTGTCTCTCCTTCTGCAAATGGTGCCATCCCCAGCATCGCCACAGGGGCCCT  
CCAGCCCAGAAGTTATCTTCTGACAGAATGCCACCTTGTGGAGCTGACAGAGGATGCGGGCCCCCAGT  
TCCCTTGTGAGTCATCCATCCACAACACCAACTACCACCGTCCCTGTGTTGAAGAGGTACCA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_153079
Insert Size:	1188 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:	<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>
RefSeq:	<a href="#">NM_153079.4</a> , <a href="#">NP_694719.2</a>
RefSeq Size:	3276 bp
RefSeq ORF:	1188 bp
Locus ID:	216749
UniProt ID:	<a href="#">Q8BZ39</a>
Cytogenetics:	11 B1.3
Gene Summary:	Receptor for the neuromedin-U and neuromedin-S neuropeptides.[UniProtKB/Swiss-Prot Function]