

## Product datasheet for **SC116382**

### NMUR1 (NM\_006056) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** NMUR1 (NM\_006056) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** NMUR1  
**Synonyms:** (FM-3); FM-3; FM3; GPC-R; GPR66; NMU1R  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL4  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_006056, RT-PCR generated  
 ATGGCTTGAATGGCAGTGC GGCCAGGGGCACTTTGACCTGAGGACTTGAACCTGACT  
 GACGAGCACTGAGACTCAAGTACCTGGGGCCCCAGCAGACAGAGCTGTTTCATGCCCATC  
 TGTGCCACATACCTGCTGATCTTCGTGGTGGGCGCTGTGGCAATGGGCTGACCTGTCTG  
 GTCATCCTGCGCCACAAGGCCATGCGCACGCTACCAACTACTACCTCTTCAGCCTGGCC  
 GTGTGGACCTGCTGGTGTGCTGGTGGGCTGCCCTGGAGCTCTATGAGATGTGGCAC  
 AACTACCCCTTCTGCTGGGCGTTGGTGGCTGCTATTTCCGCACGCTACTGTTTGAGATG  
 GTCTGCCTGGCCTCAGTGTCAACGTCCTGACCCTGAGCGTGGAACGCTATGTGGCCGTG  
 GTGCACCCACTCCAGGCCAGGTCCATGGTGACGCGGGCCCATGTGCGCCGAGTGTGGG  
 GCCGTCTGGGCTTGTCCATGCTCTGCTCCCTGCCAACACCAGCCTGCACGGCATCCGG  
 CAGCTGCACGTGCCCTGCCGGGGCCAGTGCCAGACTCAGCTGTTTGCATGCTGGTCCGC  
 CCACGGGGCCCTCTACAACATGGTAGTGACAGACCACCGCGCTGCTCTTCTTCTGCCTGCC  
 ATGGCCATCATGAGCGTCTCTACCTGCTCATTGGGCTGCGACTGCGGGGGAGAGGCTG  
 CTGCTCATGCAGGAGGCCAAGGGCAGGGGCTCTGCAGCAGCCAGGTCCAGATACACCTGC  
 AGGCTCCAGCAGCAGATCGGGCCGGAGACAAGTGACCAAGATGCTGTTTGTCTGGTC  
 GTGGTGTGGCATCTGCTGGGCCCCGTTCCACGCCGACCGCGTCATGTGGAGCGTCGTG  
 TCACAGTGGACAGATGGCCTGCACCTGGCCTTCCAGCAGTGCACGTCTCTCCGGCATC  
 TTCTTCTACCTGGGCTCGGCGGCCAACCCTGCTCTATAGCCTCATGTCCAGCCGCTTC  
 CGAGAGCCTTCCAGGAGCCCTGTGCCCTCGGGGCTGCTGCCATCGCCTCAGACCCCGC  
 CACAGCTCCACAGCCTCAGCAGGATGACCACAGGCAGCACCCCTGTGTGATGTGGGCTCC  
 CTGGGCAGCTGGGTCCACCCCTGGCTGGGAACGATGGCCAGAGGCGCAGCAAGAGACC  
 GATCCATCCTGA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_006056 unedited NCGGCGCGGNAATTGCGATGACTCCTCTCTGCCTCAATTGCTCTGCTCCTCCCTGGAGAC CTGTACCCAGGGGGTGAAGGAACCCATGGCTTGCAATGGCAGTGCAGCCAGGGGGCAC TTTGACCTGAGGACTTGAACCTGACTGACGAGGCACTGAGACTCAAGTACCTGGGGCC CAGCAGACAGAGCTGTTTCATGCCATCTGTGCCACATACTGTGATCTTCGTGGTGGG GCTGTGGGCAATGGGCTGACCTGTCTGGTCATCCTGCGCCACAAGGCCATGCGCACGCT ACCACTACTACCTCTTCAGCCTGGCCGTGTCGGACCTGCTGGTGTGCTGGTGGGCTG CCCCTGGAGCTCTATGAGATGTGGCACAACCTACCCCTTCTGCTGGGCGTTGGTGGCTGC TATTTCCGCACGCTACTGTTTGGATGGTCTGCCTGGCCTCAGTCTCAACGTCCTGCTG CTGAGCGTGAACGCTATGTGGCCGTGGTGCACCCACTCCAGGCCAGGTCCATGGTGAAG CGGGCCATGTGCGCCGAGTGTGGGGCCGTCTGGGGTCTTGCCATGCTCTGCTCCCTG CCCAACACCAGCCTGCACGGCATCCGGCAGCTGCACGTGCCCTGCTGGGGCCAGTGCCA GACTCAGTGTTCATGCTGGTCCGCCACGGGCCCTTACAACATGGTAGTGCAGACC ACCGCGTGTCTTCTTCTGCTGCCATGGCCATCATGAGCGTGTCTACCTGCTCATT GNGCTGCNACTGCNNGCGGAGAGGCTGCTGCTCATGCANGAAGCCAAGGCAGGGGCTCTG CAGCAGCCAGTCCAGATACACCCTGCAGCTCAGCAGCACGATCGGGGCCGAGACAGT ACCAGAT
<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_006056 unedited AGNANAGCACTGGGNGAGGTCACAGGGNAGCCACCCGGGATCTGTTGAGAACAGCTAT GACCGCGCCGCAATCTAGAGTCGAGTGAAGCCACTTTAAGGCTCCACTCAGGATGGATC GGTCTCTTGTGCGCCTCTGGGCCATCGTTCAGCCAGGGGGTGGACCCAGCTGCCAG GGAGCCACATCACACAGGGTGTGCCTGTGGTATCCTGCTGAGGCTGTGGGAGCTGTG GCGGGTCTGAGCGATGGCAGCAGGCCCGAGGCACAGGGCCTCTGGAAGGTCTCTCG GAAGCGGCTGGACATGAGGCTATAGAGCACGGGTTGGCCGCGAGCCAGGTAGAAAGAA GATGCCGGAGATGACGTGCACGTGCTGGAAGGCCAGGTGCAGGCCATCTGTCCACTGTGA CACGACGCTCCACATGACGCGGTCCGGCTGGAACGGGGCCAGCAGATGCCAAACACCAC GACCAGGACAAACAGCATCTTGGTCACTGTCTCCGGCCCGATCGTGTCTGCTGGAGCCT GCAGGTGTATCTGGACCTGGTGTGCTGCAGAGCCCTGCCCTTGGCCTCTGCATGAGCAG CAGCCTCTCCCGCCGAGTCGCAGCCCAATGAGCAGGTAGAGCACGCTCATGATGGCCAT GGCAGGCAGAGAAGAGCAGCGGGTGTCTGCACTACCATGTTGTAAGGGCCCGTGTG GGCGGACCAGCATGCAAACAGCTGAGTCTGGCACTGGGCCCGCAGGNACGTGCAACTG CCGGAATGCCTGCAAGCTGGTGTGGGCAGGGAGCAAACATGGCAAGACCCAGACGGCC CCAGCACTCGCGCATGGC
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_006056
<b>Insert Size:</b>	1281 bp
<b>OTI Disclaimer:</b>	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).
<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_006056.2</a> , <a href="#">NP_006047.2</a>
<b>RefSeq Size:</b>	3354 bp
<b>RefSeq ORF:</b>	1281 bp
<b>Locus ID:</b>	10316
<b>UniProt ID:</b>	<a href="#">Q9HB89</a>
<b>Cytogenetics:</b>	2q37.1
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane
<b>Protein Pathways:</b>	Neuroactive ligand-receptor interaction
<b>Gene Summary:</b>	Receptor for the neuromedin-U and neuromedin-S neuropeptides.[UniProtKB/Swiss-Prot Function]