

Product datasheet for SC113202

NMUR2 (NM_020167) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NMUR2 (NM_020167) Human Untagged Clone
Tag:	Tag Free
Symbol:	NMUR2
Synonyms:	FM-4; FM4; NMU-R2; NMU2R; TGR-1; TGR1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_020167, RT-PCR generated
 ATGGAAAACTTCAGAATGCTTCCTGGATCTACCAGCAGAACTAGAAGATCCATCCAG
 AAACACCTGAACAGCACCGAGGAGTATCTGGCCTTCCTCTGCGGACCTCGGCGCAGCCAC
 TTCTTCCTCCCGTGTCTGTGGTGTATGTGCCAATTTTTGTGGTGGGGTCAATTGCAAT
 GTCCTGGTGTGCCTGGTATTCTGCAGCACCAGGCTATGAAGACGCCACCAACTACTAC
 CTCTTCAGCCTGGCGGTCTCTGACCTCCTGGTCTGCTCCTTGGAAACGCCCTGGAGGTC
 TATGAGATGTGGCGCAACTACCTTTTCTGTTCCGGCCCGTGGGCTGCTACTTCAAGACG
 GCCCTCTTTGAGACCGTGTGCTTCGCCTCCATCTTCAGCATCACCACCGTCAGCGTGGAG
 CGCTACGTGGCCATCCTACACCCGTTCCGCGCCAAACTGCAGAGCACCCGGCGCCGGGCC
 CTCAGGATCCTCGGCATCGTCTGGGCTTCTCCGTGCTTCTCCCTGCCAACACCAGC
 ATCCATGGCATCAAGTTCCTACTTCCCAATGGGTCCCTGGTCCAGGTTCCGGCCACC
 TGTACGGTCATCAAGCCCATGTGGATCTACAATTCATCATCCAGGTCACCTCCTTCCTA
 TTCTACCTCCTCCCATGACTGTCATCAGTGTCTCTACTACCTCATGGCACTCAGACTA
 AAGAAAGACAAATCTCTTGAGGCAGATGAAGGGAATGCAAATATCAAAGACCCTGCAGA
 AAATCAGTCAACAAGATGCTGTTTGTCTTGGTCTTAGTGTGTTGCTATCTGTTGGGCCCCG
 TTCCACATTGACCGACTTCTTCAGCTTTGTGGAGGAGTGGAGTGAATCCCTAGCTGCT
 GTGTTCAACCTCGTCCATGCGGTGTCAGGTGCTTCTTCTACCTGAGCTCAGCTGTCAAC
 CCCATTATCTATAACCTACTGTCTCGCCGCTTCCAGGCAGCATTCCAGAATGTGATCTCT
 TCTTTCCACAAACAGTGGCACTCCAGCATGACCCACAGTTGCCACCTGCCAGCGGAAC
 ATCTTCCTGACAGAATGCCACTTTGTGGAGCTGACCGAAGATATAGGTCCCAATCCCA
 TGTCAGTCATCCATGCACAACTCTCACCTCCCAACAGCCCTCTCTAGTGAACAGATGTCA
 AGAACAACTATCAAAGCTTCCACTTTAACAAAACCTGA



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020167 unedited
 NGGGAAGTTCAGGATTATGTAACCGACTTACTATAGGCGGCCGCCAGTGTGATGGATATC
 TGCAGAATCGGCTTATGGAAAACCTCAGATGCTTCTGGATCTACCAGCAGAAACTAGAA
 GATCCATTCCAGAAACACCTGAACAGCACCAGGAGTATCTGGCCTTCTCTGCGGACCT
 CGGCGCAGCCACTTCTTCTCCCCGTGTCTGTGGTGTATGTGCCAATTTTGTGGTGGGG
 GTCATTGGCAATGCTCTGGTGTGCCTGGTGATTCTGCAGCACCAGGCTATGAAGACGCC
 ACCAACTACTACCTCTTCAGCCTGGCGGTCTCTGACCTCCTGGTCTGCTCCTTGAATG
 CCCCTGGAGGTCTATGAGATGTGGCGCAACTACCCTTTCTTGTTCGGGCCCGTGGGCTGC
 TACTTCAAGACGGCCCTCTTTGAGACCGTGTGCTTCGCCTCCATCCTCAGCATCACCACC
 GTCAGCGTGGAGCGCTACGTGGCCATCCTACACCCGTTCCGCGCCAAACTGCAGAGCACC
 CGGCGCCGGGCCCTCAGGATCCTCGGCATCGTCTGGGGCTTCTCCGTGCTCTTCTCCCTG
 CCCAACACCAGCATCCATGGCATCAAGTCCACTACTTCCCAATGGGTCCCTGGTCCCA
 GGTTTCGGCCACCTGTACGGTCATCAAGCCCATGTGGATCTACAATTTTCATCATCCAGGTC
 ACCTCCTTCTTCTACCTCCTCCCATGACTGTCATCAGTGCCTCTACTACCTCATG
 GCACTCAGACTAAAGAAAGACAAATCTCTTGGAGCAGATGAAGGGAATGCAAATATTCAA
 AGACCCTGCAGAAAATCAGTCAACAAGATGCTGGTTGCTCCTGGTCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_020167 unedited
 GAACCATTGGNGAATGGCACTTNCAGGNCCAGNATAGCACTGGGGNAGGGTCACAGGNA
 TGCCACCCGGGATCTGTTTCAGGAAACAGCTATGACCGCGCCGCAATCTAGAGTCGACAA
 GCTTGATATCGGTACCGAGCTCGGATCCACTAGTAACGGCCGCCAGTGTGCTGGAATTCG
 GCTTTCAGGTTTTGTTAAAGTGAAGCTTTGATAGTTTGTCTTGACATCTGTTCACTAG
 AGAGGGCTGTTGGGAGGTGAGAGTTGTGCATGGATGACTGACATGGGAATTGGGGACCTA
 TATCTTCGGTCAGCTCCACAAAGTGGCATTCTGTGAGGAAGATGTTCCGCTGGGCAGGTG
 GCAACTGTGGGTGATGCTGGGAGTGCCACTGTTTGTGGAAGAAGAGATCACATTCTGGA
 ATGCTGCCTGGAAGCGCGAGACAGTAGGTTATAGATAATGGGGTTGACAGCTGAGCTCA
 GGTAGAAGAAGACACCTGACACCACATGGACGAGGTTGAACACAGCAGCCAGGGATTAC
 TCCACTCCTCCACAAAGTGAAGAAGAGTCGGTCAATGTGGAACGGGGCCCAACAGATAG
 CAAACACTAAGACCAAGACAAACAGCATCTTGTGACTGATTTTCTGCAGGGTCTTTGAA
 TATTTGCATTCCCTTCATCTGCCTCAAGAGATTTGTCTTTCTTTAGTCTGAGTGCCATGA
 GGTAGTAGAGGACACTGATGACAGTCATGGGGAGGAGGTAGAATAGGAAAGGAAGTGACC
 TGGATGATGAAATTGGAGATCCACATGGGCTTGATGACCGTACAGGTGGCCGAACCCTGG
 ACCAGGGACCCATTGGGAAATAGTGGAACCTGGAGCCCTGGATGCTGGTGA

Restriction Sites:

Please inquire

ACCN:

NM_020167

Insert Size:

1500 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">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.
RefSeq:	NM_020167.1 , NP_064552.1
RefSeq Size:	1239 bp
RefSeq ORF:	1239 bp
Locus ID:	56923
UniProt ID:	Q9GZQ4
Cytogenetics:	5q33.1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction
Gene Summary:	This gene encodes a protein from the G-protein coupled receptor 1 family. This protein is a receptor for neuromedin U, which is a neuropeptide that is widely distributed in the gut and central nervous system. This receptor plays an important role in the regulation of food intake and body weight. [provided by RefSeq, Jul 2008]