

Product datasheet for **MC208594**

Nmur1 (NM_010341) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nmur1 (NM_010341) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nmur1
Synonyms:	FM-3; Gpr66; NmU-R; NMU-R1; NMU1R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208594 representing NM_010341 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

GCGATCGCCCTGGTCTGCAATATCAGTGAGTTCAGTGGCCCTATCAACCTGAGGATCTGAACCTTACCG
ATGAGGCCCTGAGGCTGAAGTATTTGGGGCCACAGCAGATGAAACAGTTTGTCCCATCTGTGCACGTA
CCTGCTGATCTTCGTGGTGGGCACTCTGGGCAACGGGCTGACCTGCACCGTCATCCTGCGCAACAAGACT
ATGGCCAGCCCACTTCTACCTCTTCAGCCTCGTGTGCCGATATGCTGGTCTCCTGGTGGGCT
TGCTCTGGAGCTTTATGAGATGCAGCAAAATTACCCGTTCCAGCTGGGTGCGAGTGCCTGCTACTTCCG
AACTACTGCTCTTAGAGACCGTCTGCCTAGCTTCAAGTGTCAATGTACAGCCCTGAGTGTGGAGCGTTAT
GTGGCCGTGGTGCGCCCACTCCAAGCAAGTCTGTGATGACACGGGCCATGTGCCCGCATGGTGGGG
CCATCTGGGCTCTCGCTACTCTTCTCTCTGCCCAACACCAGCCTGCATGGCCTCAGTCAACTAAGTGT
GCCCTGCCGGGGCCGGTGCCGACTCAGCTATATGTTGCTGGTGGGTCATGGACTTCTACAAGTTG
GTGGTACTGACTACCGCACTGCTCTTCTGTCTGCCATGGTACCATCAGTGTGCTGTATCTGCTCA
TTGGGCTGCGGCTGCGGAGGGAGAGGATGTTGCTCCAAGTGGAGGTCAAGGGCAGGAAAACCGCAGCAAC
CCAGGAGACCTCCACAGAAGGATTCAGCTGCAAGATAGGGGACGAGACAGGTGACCAAGATGCTGTTT
GCACTGGTTGTGGTATTCGGCATCTGCTGGGCTCCATTCCATGCTGACCGTATCATGTGGAGCCTGGTGT
ATGGACACTCAACGGAAGGCTGCACCTGGCCTACCAAGTGTGTCCACATTGCCTCTGGCATCTTCTCTA
TCTCGGCTCAGCAGCAACCCGGTGTCTACAGCCTCATGTCTACTCGTTCCGAGAGACCTTCTGCAA
GCCCTGGGCTTGAACCCAGTGTGTCATCGCCGCAACCCTATCATGGCTCCCATAACCACATCAGGT
TGACCACAGGCAGCACCTGTGTGACGTGGGCCACAGGAACAGCAGGGACGAACCTCTGGCTGTGAATGA
GGATCCAGGGTGTGAGCAAGAGACAGACCCCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_010341
Insert Size:	1227 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:	<u>NM_010341.1, NP_034471.1</u>
RefSeq Size:	1218 bp
RefSeq ORF:	1218 bp
Locus ID:	14767
UniProt ID:	<u>O55040</u>
Cytogenetics:	1 C5
Gene Summary:	<p>Receptor for the neuromedin-U and neuromedin-S neuropeptides.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the UTRs and uses a downstream in-frame start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus than isoform 1.</p>