

Product datasheet for **RR206713**

Nmbr (NM_012799) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nmbr (NM_012799) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Nmbr
Synonyms: NMB-R
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR206713 representing NM_012799
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCCAGGTCTCTCCCAACCTCTCCTTGCCACCGAGGCGAGCGAGCGAGTTGGAACCCGAGG
TGTGGGAAATGATTTCTGCTGACTCAGACGGGACCACCGCGAGTTGGAATCCGCTGTGTGATAACC
ATCCCTACCTAATCATCATCTCGGTGGGCTTGTGGCAACATCATGCTGGTGAAGATATTCCTCACC
AACAGCACCATGCGGAGTGTCCCAACATCTTCACTCTAACCTGGCTGCGGGAGACCTGCTGCTGCTGC
TGACCTGCGTCCCAGTGGATGCCTCCCATACTTCTTTGATGAATGGGTGTTTCGGCAAGCTGGGCTGCAA
ACTCATCCAGCCATCCAGCTCACCTCGGTGGGGTTTCCGTGTTCACTCTCACGGCCCTCAGCGCTGAC
AGGTACAGAGCTATCGTGAACCCATGGACATGCAGACGCTCTGGTGTGGTGTGTTGGACAGTTTGAAGG
CCGTGGGCATCTGGTGGTCTCTGTGCTGTTGGCTGTCCCTGAGGCTGTGTTTTCGGAAGTAGCACGCAT
CGGTAGCTCGGATAACAGCAGTTTACAGCATGCATACCCTACCCACAAACAGATGAGTTACATCCAAAG
ATCCACTCAGTGCTCATTTTTCTGTCTATTTCCCTCATACCCCTGTTATCATCAGCATTATTATTATC
ACATTGCCAAGACTTTAATTAGAAGTGCACACAATCTTCTGGAGAATAACAATGAACATACCAAAAAGCA
GATGGAGACACGAAACGCCTGGCCAAGATCGTTCTGGTGTGTTGGGCTGCTTTGCTCTGCTGGTTT
CCCAACCACATCCTCTACTTGTATAGGTCTTTCAACTACAAGGAGATCGATCCTTCTCTGGACACATGA
TTGTCACCTTAGTGGCCGGTTCTGAGTTTCAGCAACTCCTGTGTCAACCCGTTTGTCTTTACCTGCT
CAGTGAAGCTTTCAGGAAGCATTTCACAGCCAGCTCTGTTGTGGCAGAAGTCTATCCTGAGAGGTCT
ACCAGCTACCTCCTCAGCTCTTCCAGCAGTAAGAATGACTTCTCTGAAAAGCAACGCGAAGAATGTGGTGA
CCAATTCTGCTCTCAACGGACATAGCACAAAGCAAGAAATAGCACTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR206713 representing NM_012799
 Red=Cloning site Green=Tags(s)

MPPRSLPNLSLPTEASESELEPEVWENDFLPDSGTTELAEVIRCVIPSLYLIIISVGLLGNIMLVKIFLT
 NSTMRSVPNIFISNLAAGDLLLLTLCVPVDASRYFFDEWVFGKLGCKLIPAIQLTSVGVSVFTLTALSAD
 RYRAIVNPMQMOTSGVVLWTSKAVGIWVSVLLAVPEAVFSEVARIGSSDNSSFACIPYPQTDLHPK
 IHSVLIPLVYFLIPLVVIISIIYYHYIAKTLIRSAHNLPGVEYNEHTKKQMETRKRKLAIVLVFVGCVFVCFW
 PNHILYLRSFNKYKIDPSLGHMIVTLVARVLSFSNSCVNPFALYLLSEFRKHFNSQLCCGQKSYERS
 TSYLLSSAVRMTSLKSNKNNVTVNSVLLNGHSTKQEIAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

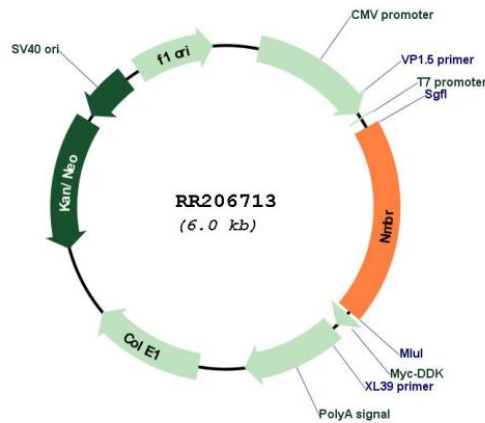
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_012799

ORF Size:	1170 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_012799.1 , NP_036931.1
RefSeq Size:	1584 bp
RefSeq ORF:	1173 bp
Locus ID:	25264
UniProt ID:	P24053
Cytogenetics:	1p13
MW:	43.5 kDa
Gene Summary:	bombesin receptor that binds neuromedin-B [RGD, Feb 2006]