

Product datasheet for **SC324393**

Neuromedin B (NMB) (NM_021077) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Neuromedin B (NMB) (NM_021077) Human Untagged Clone
Tag:	Tag Free
Symbol:	Neuromedin B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_021077.3

```

GAAGAGAGGCTCAGAGGGCTGAAGTGCCTATTTGGCCGAAAGCCGTGGCAGAGTGGCAAG
GCAGGGCCAGGGGAAGCGGCTCCGCCGCGGGCCGGGCCCTGTTGGCCCGGTGCCCG
GTCCTTAGCCTGAAGGTGGCGGGCTCCGCCAGAAGCCCCTGGCGGAAGCGGTGCCCGCG
TGGCGGCCAGAGTGTGGGTGTGCAGGTCTCTGGGCGGCCAAAGGGGGTGCCCTGCCTG
GTAACCTAGCGGGAGGGTGGGGACGGCGGGGAGGGCGGGCGGGGCGGGGACGGCTCCGC
TGCTCAGGGCAGGCTCCGCCCCAGGGGCGCGGATTTAAAGGATCGAAGGCAGCCCCGG
AGCCCAGCGGCCGGGAGGCGGCCCAACGAAGCCGCGGGCCGGGACAGCCATGGCCCCG
GCGGGCGGGGGCGCTCGGATGTTGGCAGCCTCCTGCTTTGCGCCTGCTCGTGCCGG
GCACTCGCGAGGCAACCTCTGGGCCACCGGTCACTTCATGGGCAAGAAGAGTCTGGAGCC
TTCCAGCCCATCCCCATTGGGGACAGTACCCACACCTCCCTGAGGGACCAGCGACTGCA
GCTGAGTCATGATCTGCTCGGAATCCTCCTGCTAAAGAAGGCTCTGGGCGTGAGCCTCAG
CCGCCCCGCACCCCAAATCCAGGAGGCTGCTGGTACAAATACTGCAGAAATGACACCAAT
AATGGGGCAGACACAACAGCGTGGCTTAGATTGTGCCACCCAGGGAAGGTGCTGAATGG
GACCCCTGTTGATGGCCCCATCTGGATGTAATCCTGAGCTCAAATCTCTGTTACTCCATT
ACTGTGATTTCTGGCTGGGTACCAGAAATATCGCTGATGCAGACACAGATTATGTTCT
GCTGTATTTCTGCTCCCTGTTGAATTGGTGAATAAACCTTGCTTTACATACAAAA
AAAAAAAAAAAAA

```

Restriction Sites:	Please inquire
ACCN:	NM_021077
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).



[View online »](#)

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_021077.3 , NP_066563.2
RefSeq Size:	1046 bp
RefSeq ORF:	366 bp
Locus ID:	4828
UniProt ID:	P08949
Cytogenetics:	15q25.2
Domains:	Bombesin
Protein Families:	Secreted Protein, Transmembrane
Gene Summary:	<p>This gene encodes a member of the bombesin-like family of neuropeptides, which negatively regulate eating behavior. The encoded protein may regulate colonic smooth muscle contraction through binding to its cognate receptor, the neuromedin B receptor (NMBR). Polymorphisms of this gene may be associated with hunger, weight gain and obesity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]</p> <p>Transcript Variant: This variant (1) represents the longer transcript but encodes the shorter isoform (1).</p>