

Specifications:

Gene:	hNMBR
Accession:	AAA59939
Insert size:	1185bp
Concentration:	10µg at 0.2µg/µL

hNMBR cDNA Plasmid

NMBR neuromedin B receptor
[*Homo sapiens*]

Also known as:

Summary:

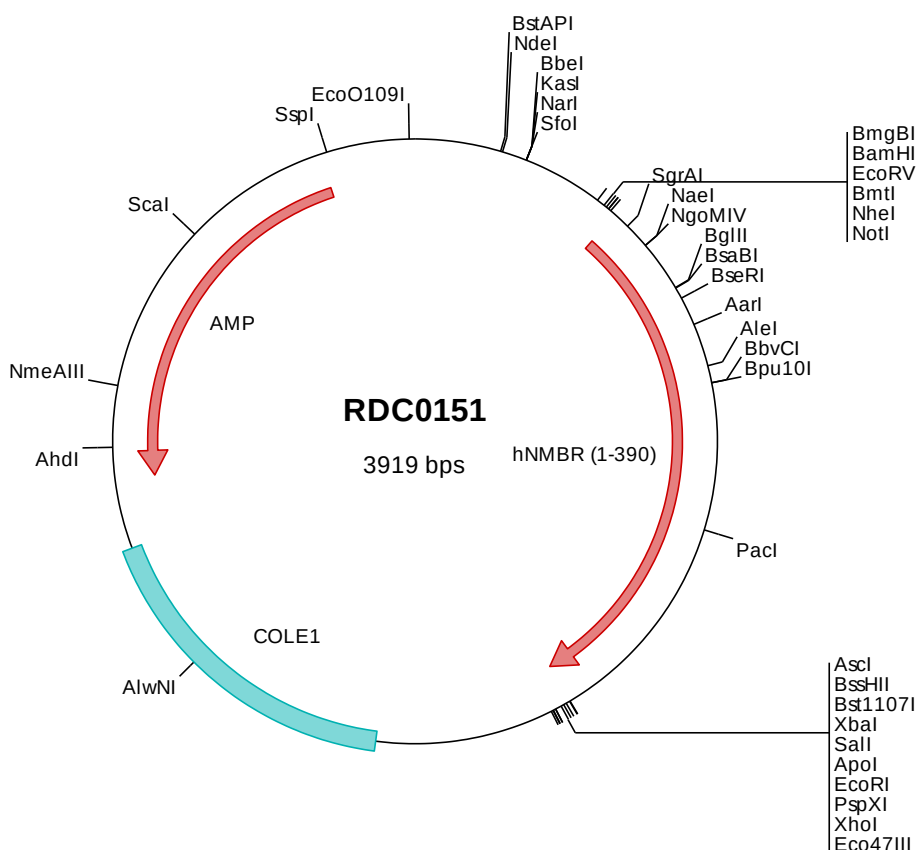
NMBR is an 80 kDa G protein-coupled 7-transmembrane glycoprotein receptor for bombesin-like peptides, binding Neuromedin B with high affinity and GRP (gastrin releasing peptide) with lower affinity. NMBR expression in the olfactory and central thalamic regions of the brain plays a role in thermoregulation. It has also been shown to be a potent mitogen and growth factor for normal and neoplastic lung and for gastrointestinal epithelial tissue. Expression in the pituitary gland is important for regulation of the pituitary-thyroid axis.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.





> RDC0151 Plasmid DNA Sequence

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1   tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
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> RDC0151 Translated Insert Sequence

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201  ypqtdelhpki hsvlflvly fliplaiisi yyhiaktli ksahnlpgcy nehtkkqmet rkrlakivlv fvgcfifcwfn phnilymyrs fnyneidpsl
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