

Specifications:

Gene:	mNpy2r
Accession:	NP_032757
Insert size:	1159bp
Concentration:	10µg at 0.2µg/µL

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.

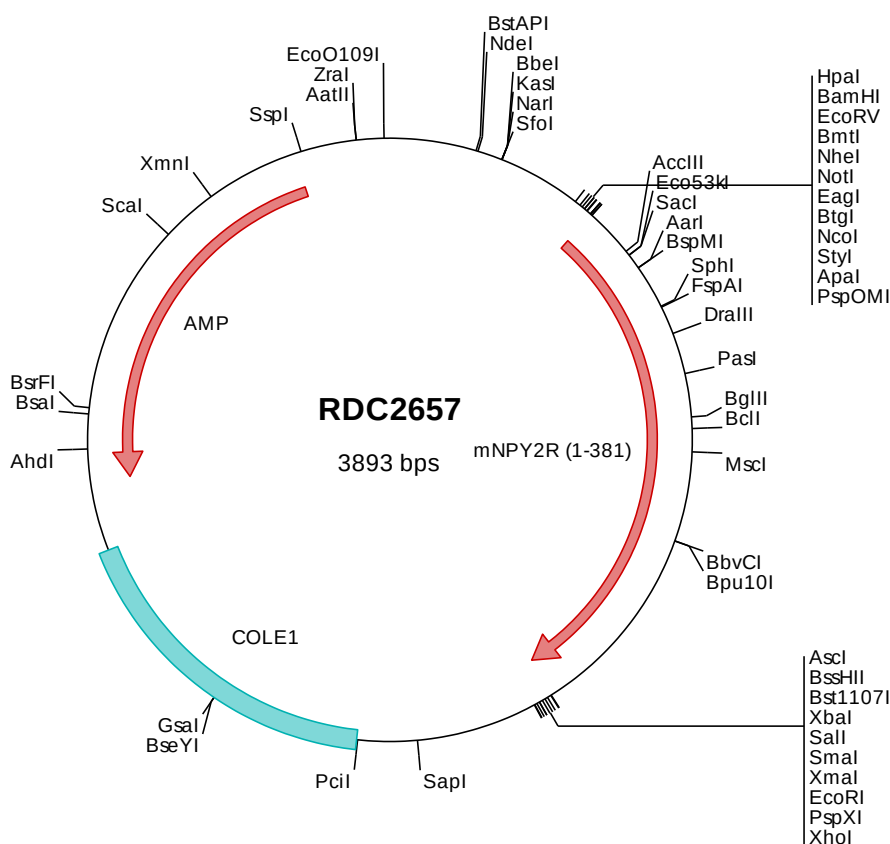
mNPY2R cDNA Plasmid

**Npy2r neuro peptide Y receptor
Y2 [*Mus musculus* (house
mouse)]**

Also known as: NPY2-R

Summary:

NPY2R is a member of the G protein-coupled receptor 1 family. NPY2R is a receptor for neuropeptide Y and peptide YY. Neuropeptide Y is one of the most abundant neuropeptides in the mammalian nervous system and exhibits a diverse range of important physiologic activities, including effects on psychomotor activity, food intake, regulation of central endocrine secretion, and potent vasoactive effects on the cardiovascular system. NPY receptors represent novel molecular therapeutic targets in cancer and obesity.



> RDC2657 Plasmid DNA Sequence

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> RDC2657 Translated Insert Sequence

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