

Specifications:

Gene:	hNPBWR2
Accession:	NP_005277
Insert size:	1015bp
Concentration:	10µg at 0.2µg/µL

**hGPR8/NPBWR2
cDNA Plasmid**

NPBWR2 neuropeptides B and W receptor 2 [*Homo sapiens* (human)]

Also known as: GPR8

Summary:

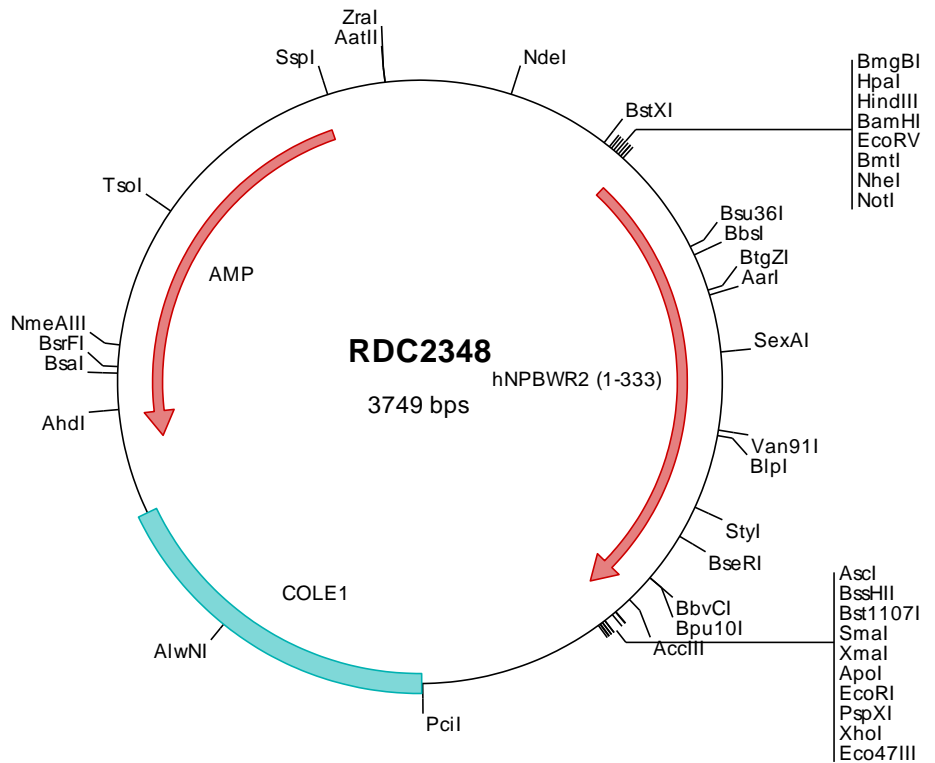
NPBWR2 is an integral membrane protein and G protein-coupled receptor. It is similar in sequence to another G protein-coupled receptor (GPR7), and it is structurally similar to opioid and somatostatin receptors. NPBWR2 is expressed primarily in the frontal cortex of the brain and binds neuropeptides B and W.

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.



> RDC2348 Plasmid DNA Sequence

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> RDC2348 Translated Insert Sequence

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