

Specifications:

Gene:	hLPHN2
Accession:	NP_036434
Insert size:	4225bp
Concentration:	10µg at 0.2µg/µL

hLPHN2 cDNA Plasmid

LPHN2 latrophilin 2 [*Homo sapiens* (human)]

Also known as: CL2; LEC1; C1RL2; LPHH1

Summary:

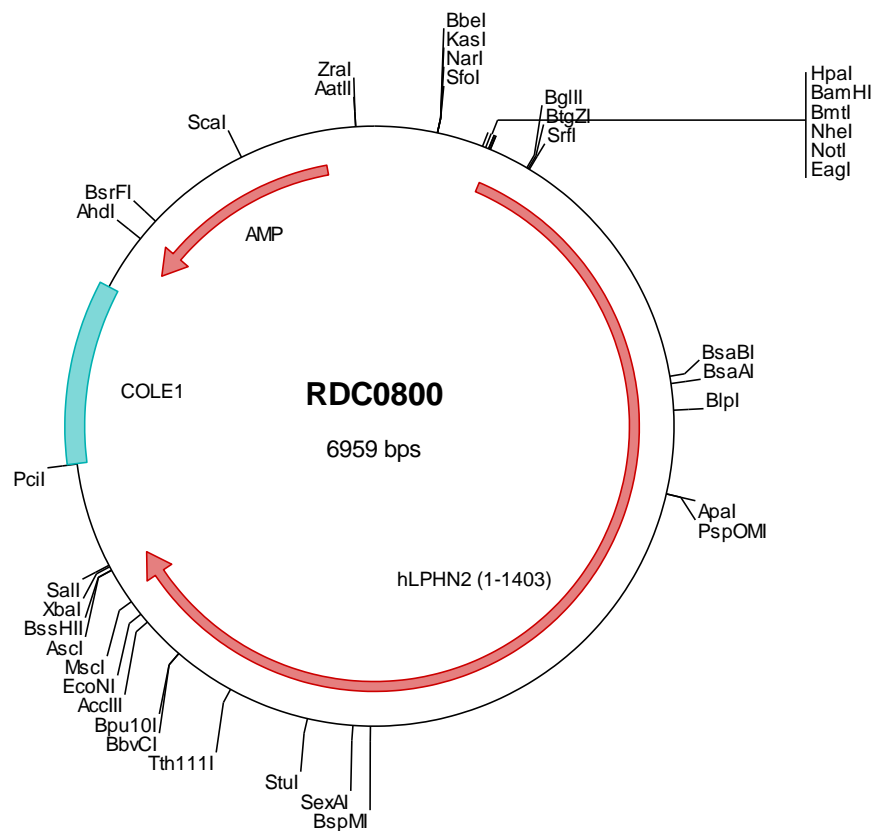
LPHN2 is a G protein-coupled receptor that belongs to the latrophilin subfamily. Latrophilins act as cell adhesion and signal transduction proteins. LPHN2 is expressed in all normal tissues but expression in tumor cell lines varies. It is a low affinity receptor for alpha-latrotoxin, a neurotoxin present in black widow spider venom.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0800 Plasmid DNA Sequence

1 tcgctgcttt cggatgatgac ggtgaaacc tetgacacat gcagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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> RDC0800 Translated Insert Sequence

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