

Specifications:

Gene:	mPorcn
Accession:	NP_076127.1
Insert size:	1399bp
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.

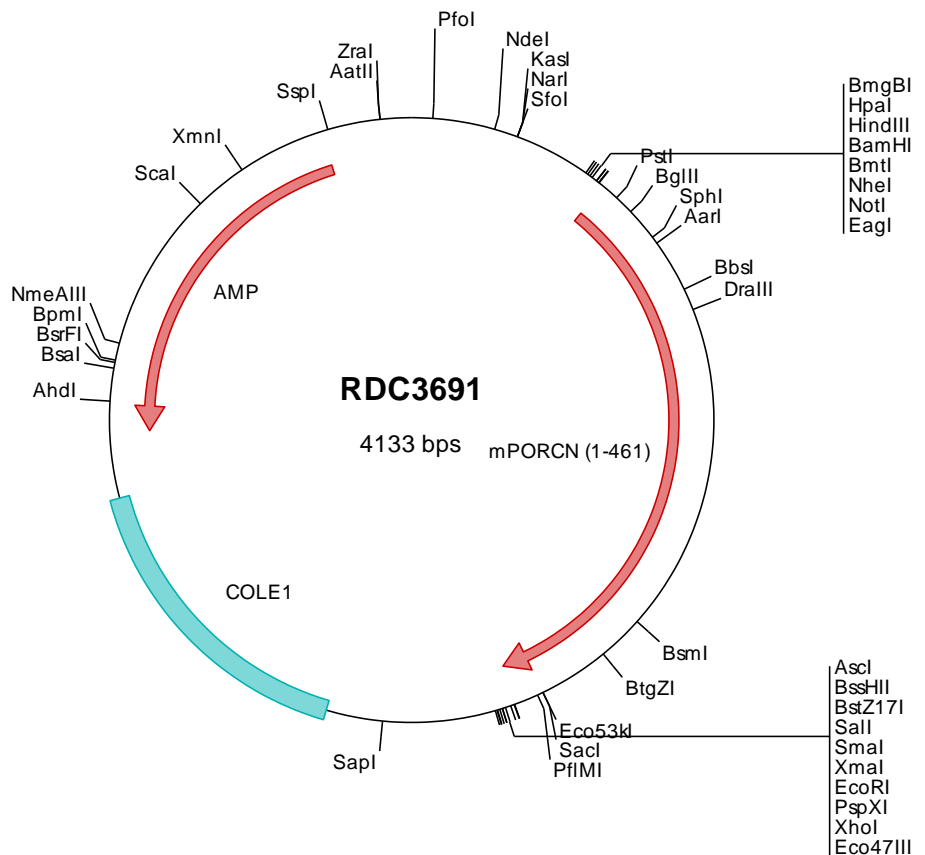
mPORCN cDNA Plasmid

Porcn porcine O-acyltransferase [*Mus musculus* (house mouse)]

Also known as: Ppn; Mg61; porc; Mporc; mMg61; AW045557; DXHXS7465e; 2410004O13Rik

Summary:

PORCN enables Wnt-protein binding activity and palmitoleyltransferase activity. It is involved in Wnt signaling pathway, protein palmitoleylation, and regulation of postsynaptic membrane neurotransmitter receptor levels. PORCN acts upstream of or within canonical Wnt signaling pathway and glycoprotein metabolic process. It is located in endoplasmic reticulum and glutamatergic synapse. PORCN is an integral component of endoplasmic reticulum membrane. It is part of AMPA glutamate receptor complex and is expressed in several structures, including anterior visceral endoderm, eye, genitourinary system, nervous system, and primitive streak.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3691 Plasmid DNA Sequence

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> RDC3691 Translated Insert Sequence

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