

Specifications:

Gene:	mAGTR2
Accession:	NP_031455
Insert size:	1105bp
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.

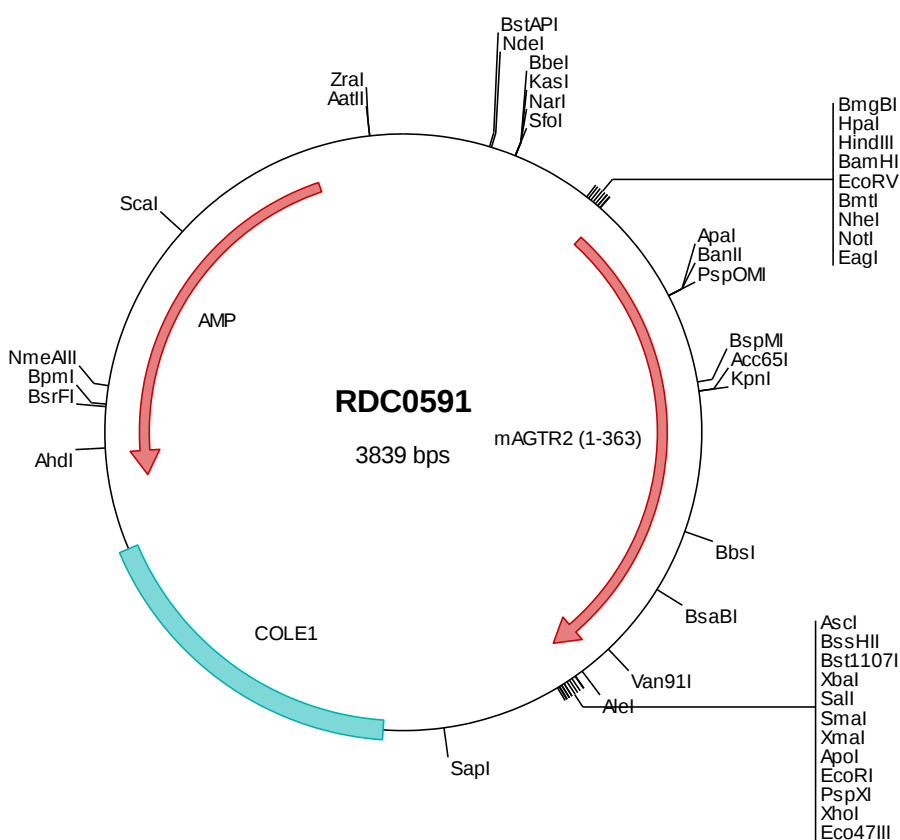
mAGTR2 cDNA Plasmid

Agtr2 angiotensin II receptor, type 2 [*Mus musculus*]

Also known as: AI316812;
AW107640

Summary:

Angiotensin II type 2 receptor (AGTR2) belongs to the G protein-coupled receptor 1 family, and functions as a receptor for angiotensin II. It is a membrane protein that is highly expressed in fetus, but not in adult tissues, except brain, adrenal medulla, and atretic ovary. AGTR2 stimulation may cause vasodilation. AGTR2 induces production of nitric oxide (NO), which may interact with ROS and modulate AGTR1 signaling.





> RDC0591 Plasmid DNA Sequence

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> RDC0591 Translated Insert Sequence

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