

Specifications:

Gene:	<i>h</i> AGTR2
Accession:	NP_000677
Insert size:	1104bp
Package size:	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.

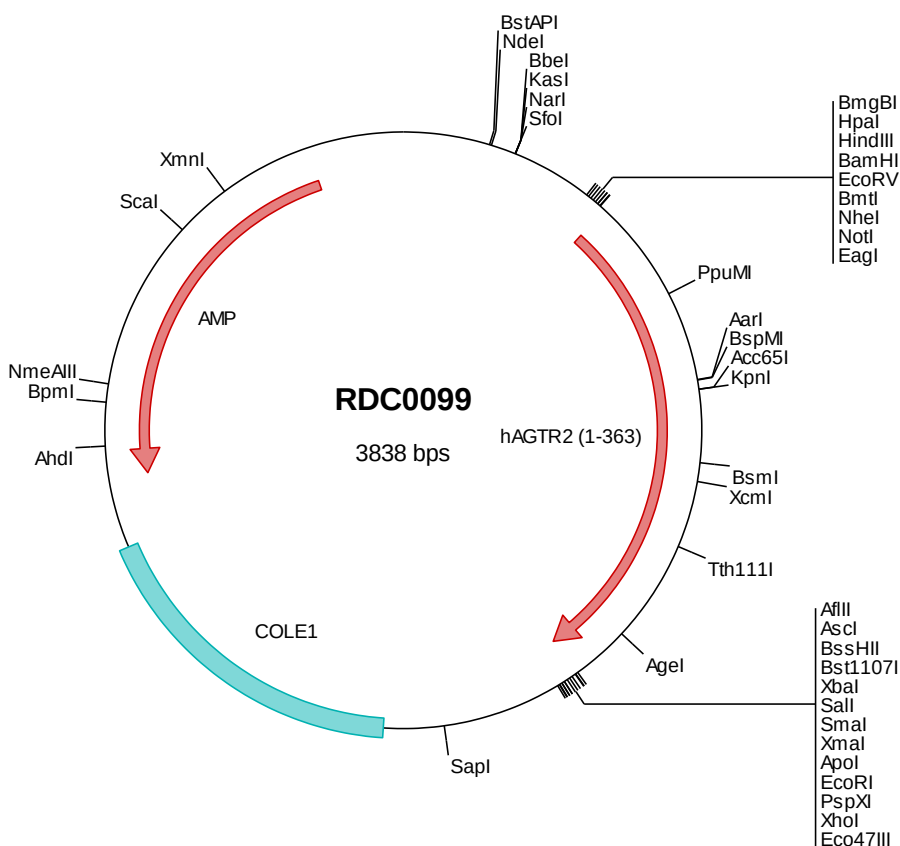
*h*AGTR2 cDNA Plasmid

AGTR2 angiotensin II receptor,
type 2 [*Homo sapiens*]

Also known as: AT2; ATGR2;
MRX88

Summary:

AGTR2 is a G protein-coupled receptor that functions as a receptor for angiotensin II. It is an integral membrane protein that is highly expressed in fetus, but scantily in adult tissues, except brain, adrenal medulla, and atretic ovary. This receptor has been shown to mediate programmed cell death and this apoptotic function may play an important role in developmental biology and pathophysiology.





> RDC0099 Plasmid DNA Sequence

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> RDC0099 Translated Insert Sequence

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```