

Specifications:

Gene:	mAdora1
Accession:	NP_001008533
Insert size:	994bp
Concentration:	10µg at 0.2µg/µL

**mAdenosine A1R
cDNA Plasmid**

Adora1 adenosine A1 receptor
[*Mus musculus* (house mouse)]

Also known as: Ri; A1R; A1AR;
AA1R; A1-AR; AI848715; BB176431

Summary:

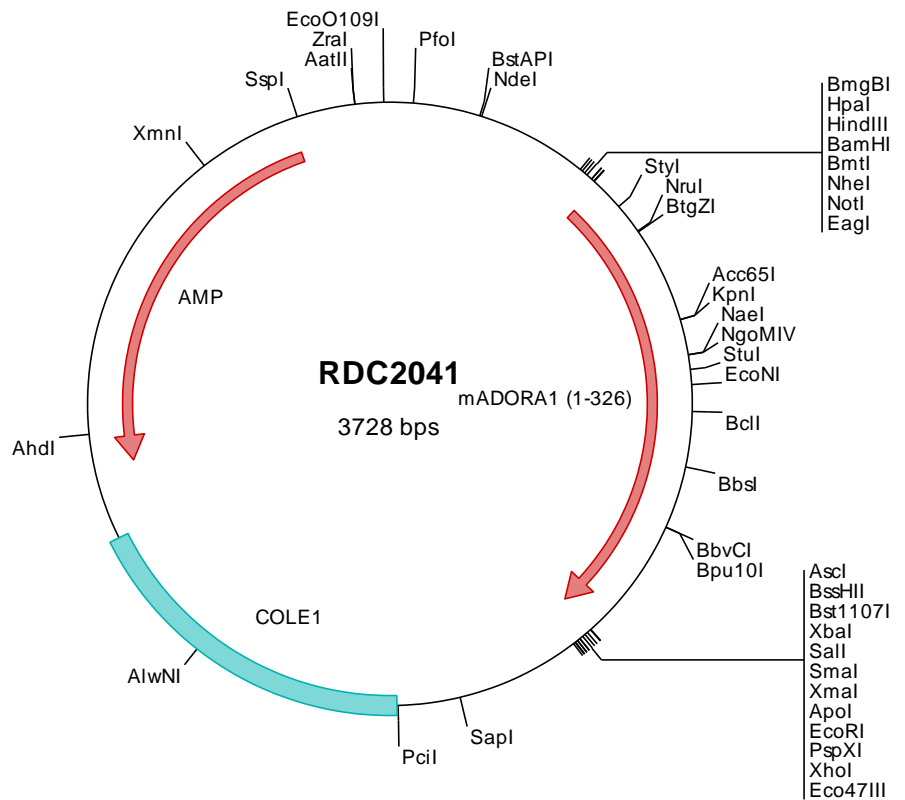
ADORA1 is an adenosine receptor that belongs to the G protein-coupled receptor 1 family. There are 3 types of adenosine receptors, each with a specific pattern of ligand binding and tissue distribution, and together they regulate a diverse set of physiologic functions. The ADORA1 receptor inhibits adenylyl cyclase, and plays a role in the fertilization process. Animal studies also suggest a role for A1 receptors in kidney function and ethanol intoxication.

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.



> RDC2041 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccc
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> RDC2041 Translated Insert Sequence

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201 levfylikrq lnkksassg dpkyyykel kiakslalil flfalswlp1 hilncitlfc ptoqkpsili yiaiflthgn samnpivyaf rihkfrvftl
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