

Specifications:

Gene:	hADORA3
Accession:	NP_065734
Insert size:	1057bp
Concentration:	10µg at 0.2µg/µL

hADORA3 cDNA Plasmid

ADORA3 adenosine A3 receptor [*Homo sapiens*]

Also known as: A3AR; AD026;
bA552M11.5; RP11-552M11.7

Summary:

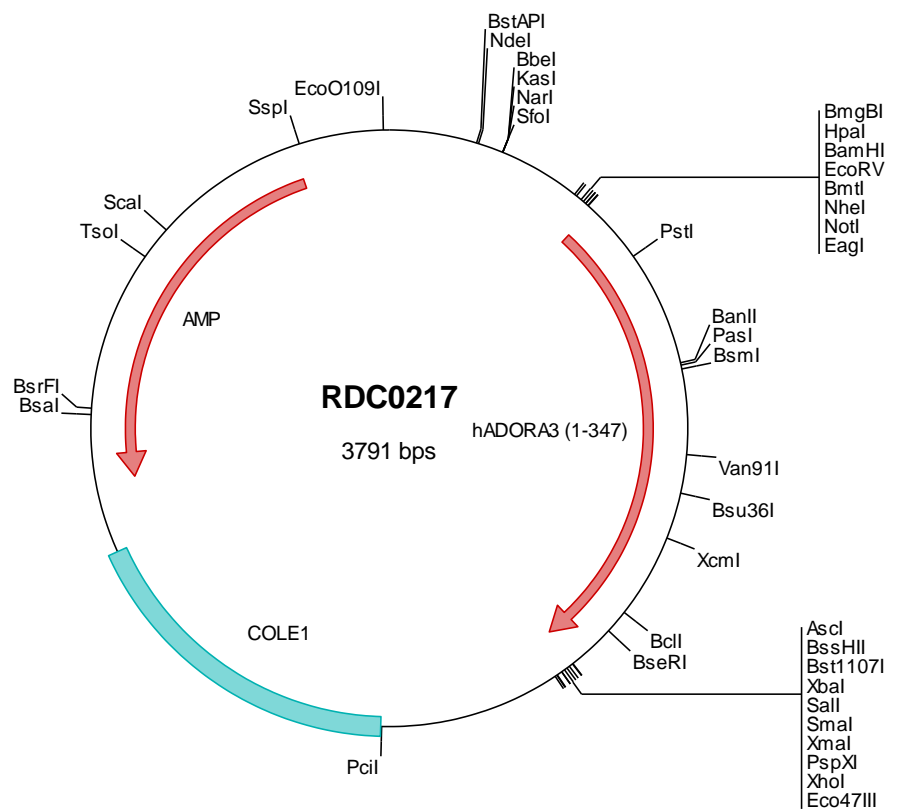
ADORA3 belongs to the family of adenosine receptors, which are G protein-coupled receptors involved in a variety of intracellular signaling pathways and physiological functions. ADORA3 mediates a sustained cardioprotective function during cardiac ischemia. It is involved in the inhibition of neutrophil degranulation in neutrophil-mediated tissue injury. ADORA3 has been implicated in both neuroprotective and neurodegenerative effects, and it may also mediate both cell proliferation and cell death.

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



> RDC0217 Plasmid DNA Sequence

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1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcagctcccg gagacggtea cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg teggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgtaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
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> RDC0217 Translated Insert Sequence

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201 fspnsthva lrdtgnqliv tmscltkedt gwywciqrd fardmdfte livtdkgtl andfwsqkdl sgnktrseca pkvvrkadrs rtsilicil
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