

Specifications:

Gene:	hDRD2
Accession:	NP_000786
Insert size:	1345bp
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.

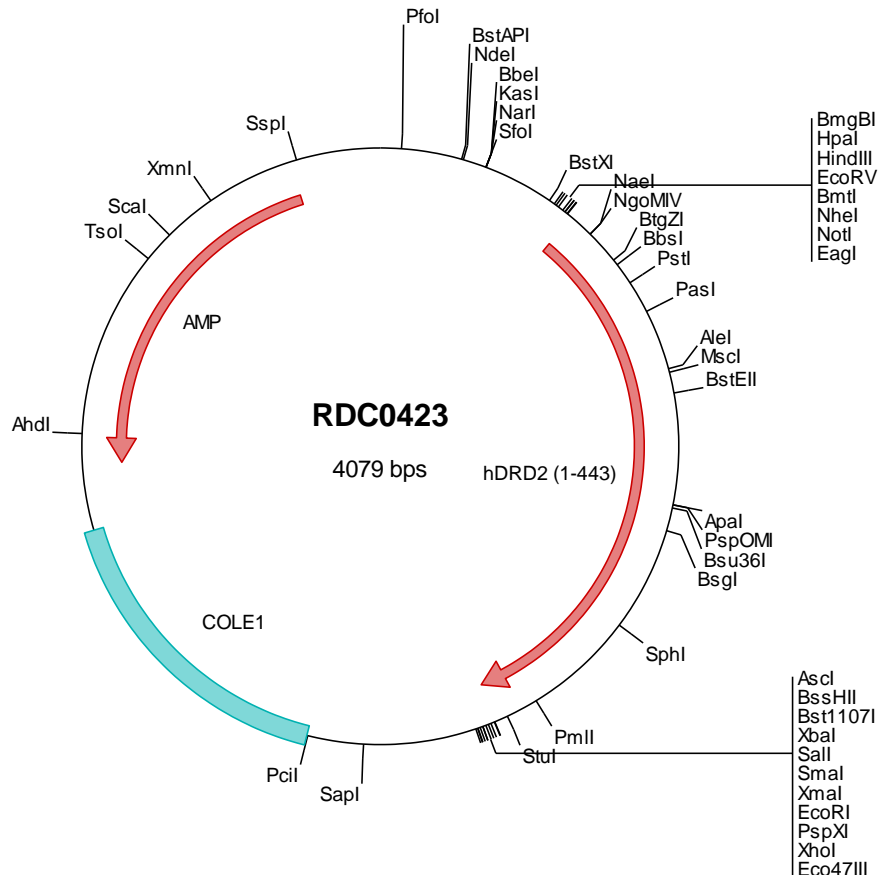
hDRD2 cDNA Plasmid

DRD2 dopamine receptor D2
[*Homo sapiens*]

Also known as: D2R; D2DR

Summary:

DRD2 encodes the D2 subtype of the dopamine receptor that inhibits adenylyl cyclase activity. Alternative splicing of this G protein-coupled receptor results in two transcript variants encoding different isoforms. DRD2 plays a major role in the neural circuitry that mediates behavioral control, an ability that is essential for adaptive responding and is compromised in a variety of common neuropsychiatric disorders.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0423 Plasmid DNA Sequence

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> RDC0423 Translated Insert Sequence

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