

**Specifications:**

Gene:	mDrd2
Accession:	NP_034207.2
Insert size:	1348bp
Concentration:	10µg at 0.2µg/µL

**mDRD2 cDNA  
Plasmid**

**Drd2 dopamine receptor D2  
[ *Mus musculus* (house mouse) ]**

**Also known as:** D2R; D2DR

**Summary:**

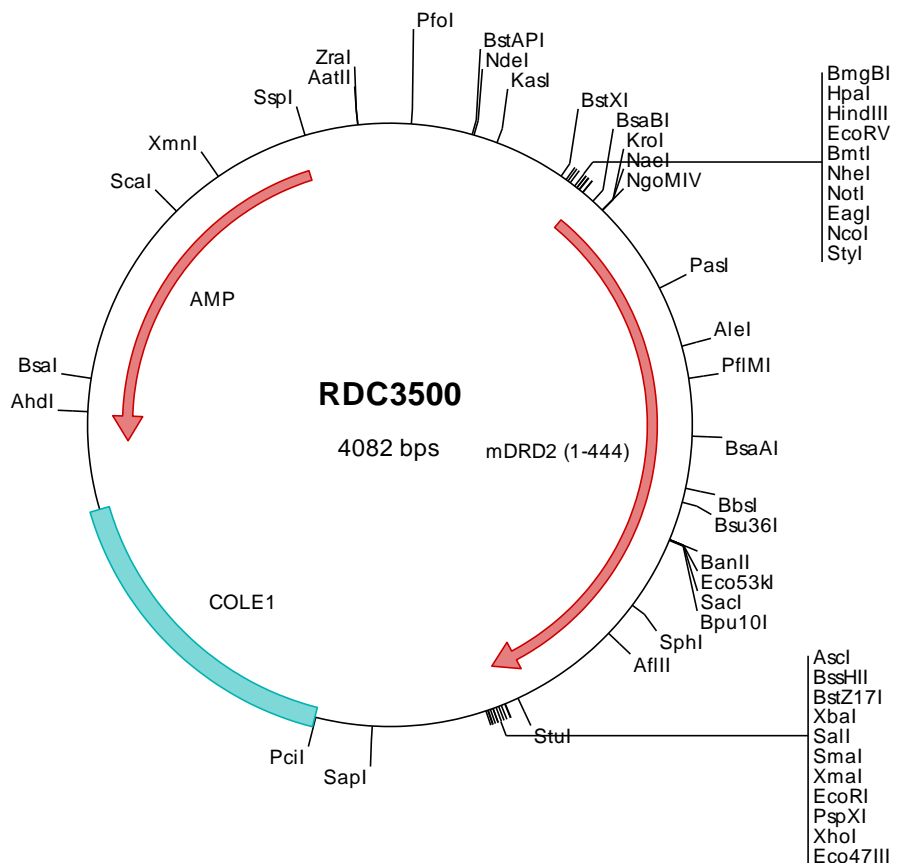
DRD2 encodes the D2 subtype of the dopamine receptor that inhibits adenylyl cyclase activity. DRD2 plays a major role in the neural circuitry that mediates behavioral control, an ability that is essential for adaptive responding and is compromised in a variety of common neuropsychiatric disorders.

**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.



> RDC3500 Plasmid DNA Sequence

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> RDC3500 Translated Insert Sequence

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