

Specifications:

Gene:	mGpr27
Accession:	NP_032184
Insert size:	1153bp
Concentration:	10µg at 0.2µg/µL

**mGPR27 cDNA
Plasmid**

**Gpr27 G protein-coupled
receptor 27 [*Mus musculus*
(house mouse)]**

Also known as: SREB1

Summary:

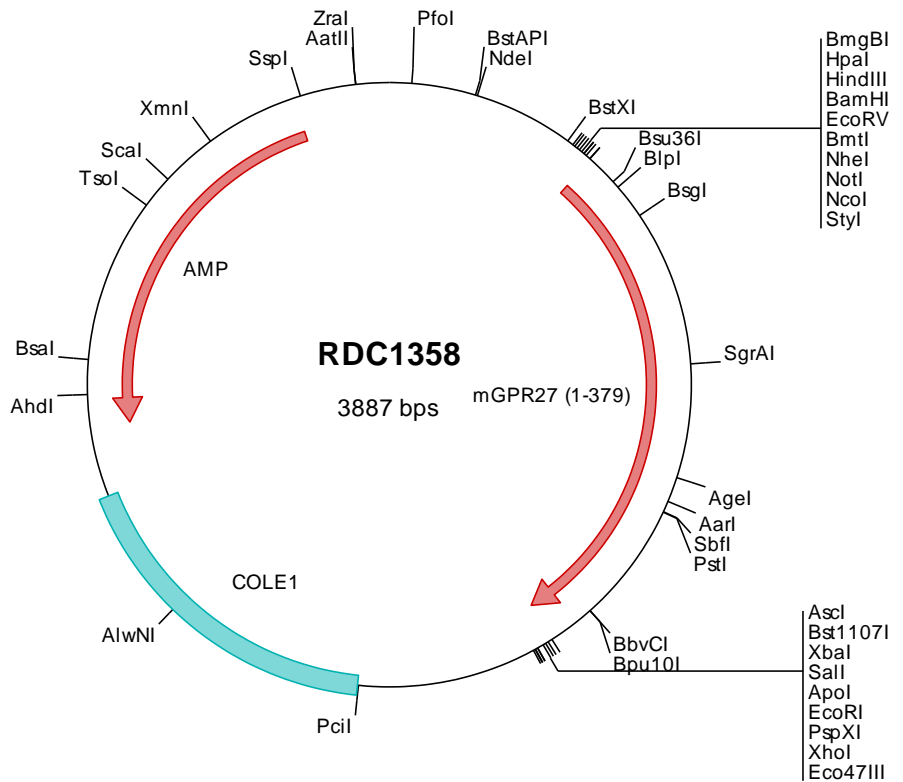
GPR27, also known as SREB1 (Super Conserved Receptor Expressed in Brain 1), is an orphan receptor belonging to the G protein-coupled receptor family. It is highly expressed in brain, ovary, testis, heart, prostate and peripheral leukocytes. The high sequence conservation and abundant expression in the central nervous system suggest the existence of fundamental neuronal systems consisting of SREB family members and their endogenous ligand(s).

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

> RDC1358 Plasmid DNA Sequence

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> RDC1358 Translated Insert Sequence

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