

Specifications:

Gene:	mLGR6
Accession:	NP_001028581
Insert size:	2917bp
Concentration:	10µg at 0.2µg/µL

mLGR6 cDNA Plasmid

Lgr6 leucine-rich repeat-containing G protein-coupled receptor 6 [*Mus musculus*]

Also known as: D830026M09; A530037C04Rik

Summary:

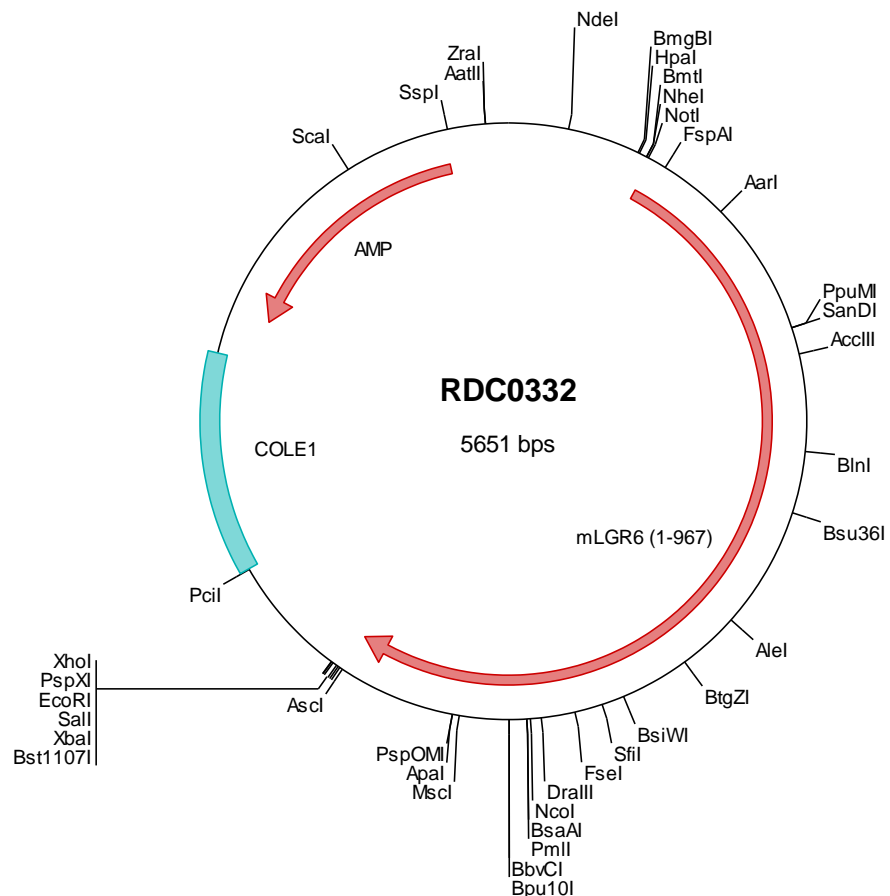
LGR6 is a member of the leucine-rich repeat-containing subgroup of the G protein-coupled 7-transmembrane protein superfamily. LGR6 is a glycoprotein hormone receptor with a large N-terminal extracellular domain that contains leucine-rich repeats important for the formation of a horseshoe-shaped interaction motif for ligand binding. In humans, LGR6 is phosphorylated upon DNA damage, probably by ATM or ATR.

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

