

Specifications:

Gene:	hLGR5
Accession:	NP_003658
Insert size:	2737bp
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.

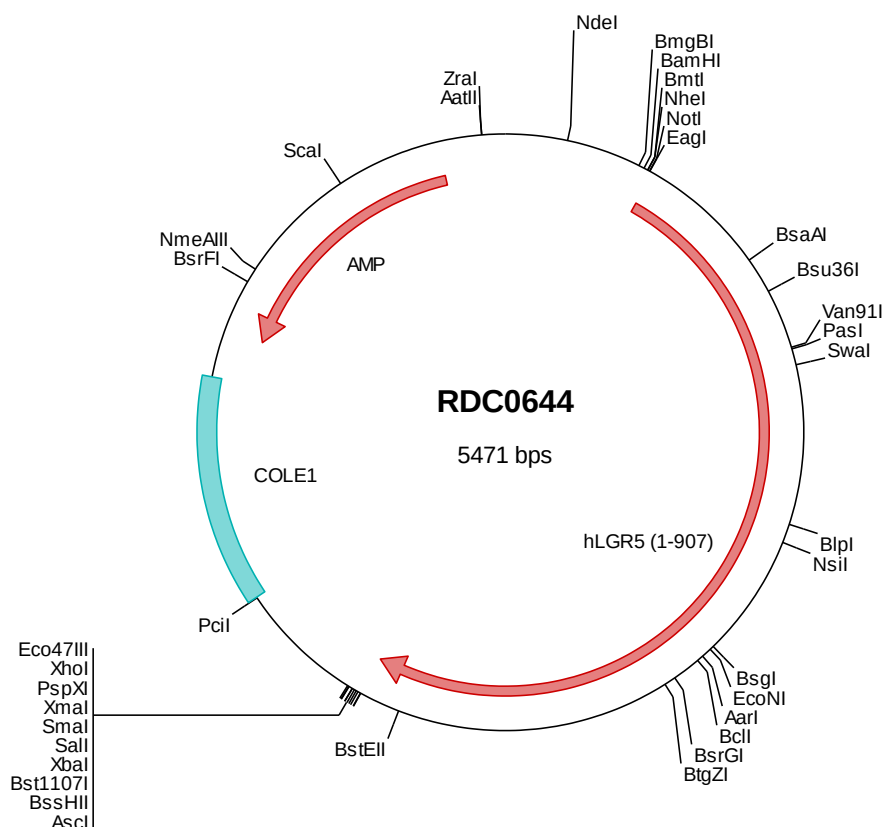
hLGR5/GPR49 cDNA Plasmid

LGR5 leucine-rich repeat containing G protein-coupled receptor 5 [*Homo sapiens* (human)]

Also known as: FEX; HG38; GPR49; GPR67; GRP49

Summary:

LGR5, also known as GPR49, is a seven-transmembrane G protein-coupled receptor that is expressed in stem cells of the intestinal crypts and hair follicles. It is over expressed in some types of human cancer. LGR5 is one of the target genes of the Wnt signaling pathway. Expression of LGR5 regulates epithelial cell phenotype and survival.





> RDC0644 Plasmid DNA Sequence

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