

Specifications:

Gene:	<i>hLGI1</i>
Accession:	NP_005088
Insert size:	1687bp
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.

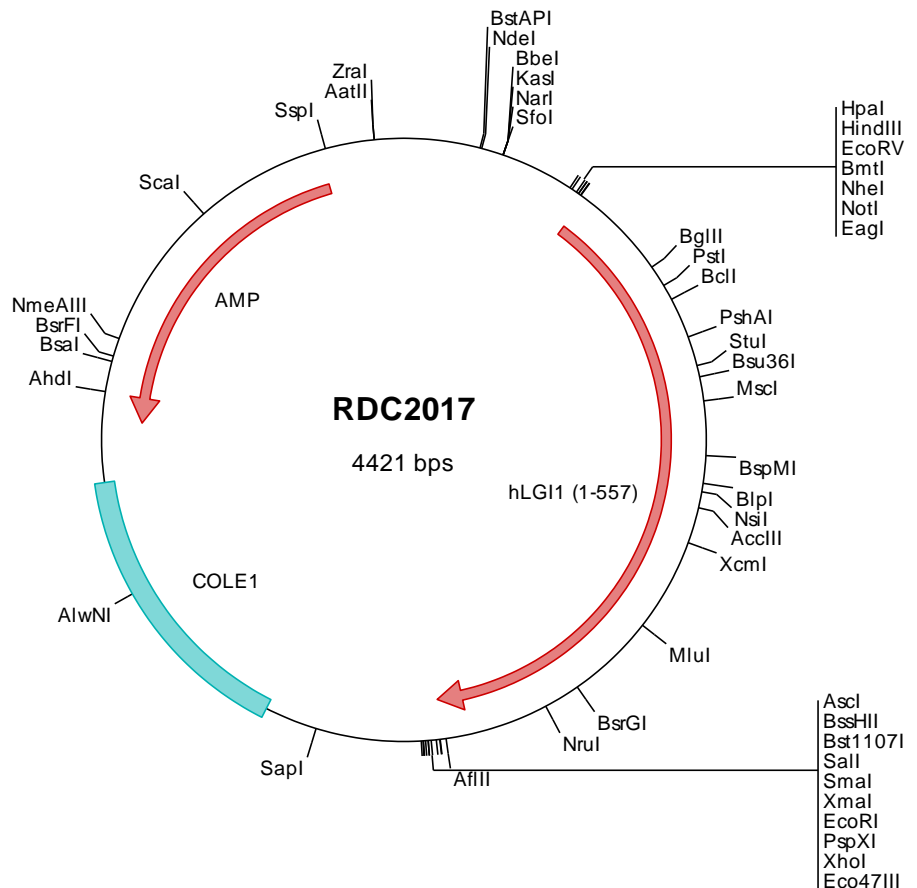
hLGI1 cDNA Plasmid

LGI1 leucine rich glioma inactivated 1 [*Homo sapiens* (human)]

Also known as: EPT; ETL1; ADLTE; ADPAEF; ADPEAF; IB1099; EPITEMPIN

Summary:

LGI1 is a member of the secreted leucine-rich repeat (LRR) superfamily and shares homology with members of the SLIT protein family. It may regulate the activity of voltage-gated potassium channels and may be involved in neuronal growth regulation and cell survival. Mutations in LGI1 result in autosomal dominant lateral temporal epilepsy. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2017 Plasmid DNA Sequence

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> RDC2017 Translated Insert Sequence

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