

Specifications:

Gene:	hLRIG2
Accession:	NP_055628
Insert size:	3210bp
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.

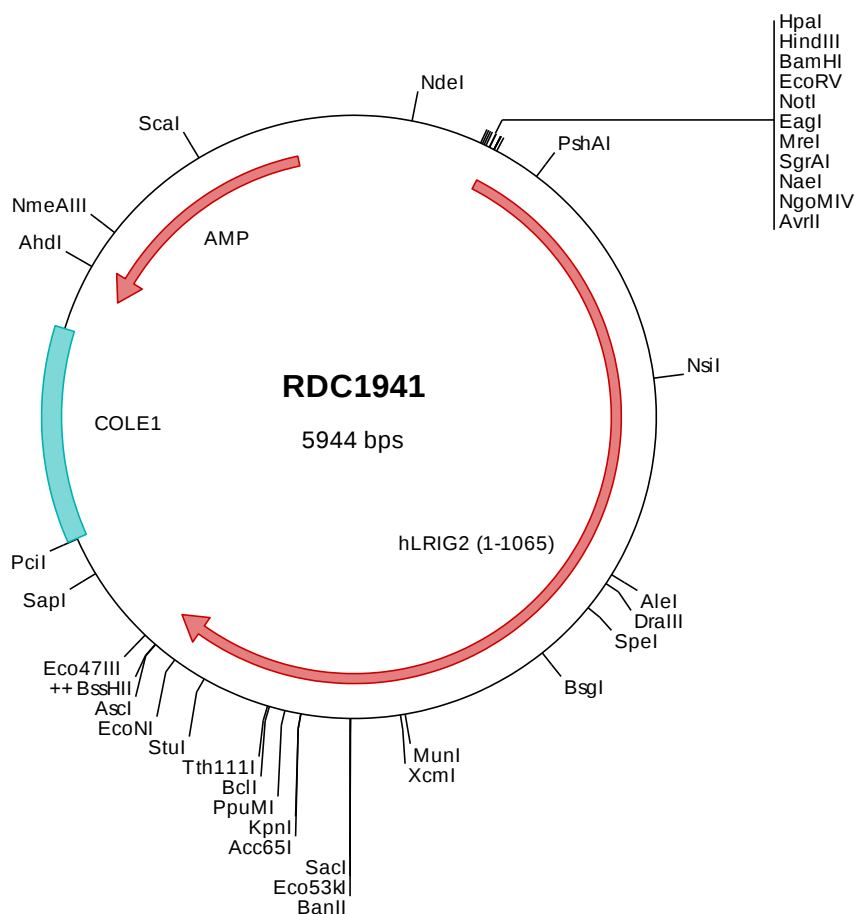
hLRIG2 cDNA Plasmid

LRIG2 leucine rich repeats and immunoglobulin like domains 2
[*Homo sapiens* (human)]

Also known as: LIG2; UFS2; LIG-2

Summary:

LRIG2 is a transmembrane protein containing leucine-rich repeats and immunoglobulin-like domains. It promotes epidermal growth factor signaling, resulting in increased proliferation. Its expression in the cytoplasm of glioma cells is correlated with poor survival. Mutations in LRIG2 can cause urofacial syndrome. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1941 Plasmid DNA Sequence

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1   tcgcgcgcttt cgggtgatgac ggtgaaaaacc tctgacacat gcagctcccg gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccg
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> RDC1941 Translated Insert Sequence

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401  itkkafile slehldlenn amsigenaf sqthlkelil ntssllcdch lkwlqlwlvd nfhqshvnsv cahpewlagq silnvdikdf ctdfdlkipi
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