

Specifications:

Gene:	<i>hLRIT2</i>
Accession:	NP_001017924
Insert size:	1666bp
Concentration:	10µg at 0.2µg/µL

*h*LRIT2 cDNA Plasmid

LRIT2 leucine-rich repeat, Ig-like and transmembrane domains 2
[*Homo sapiens* (human)]

Also known as: LRRC22

Summary:

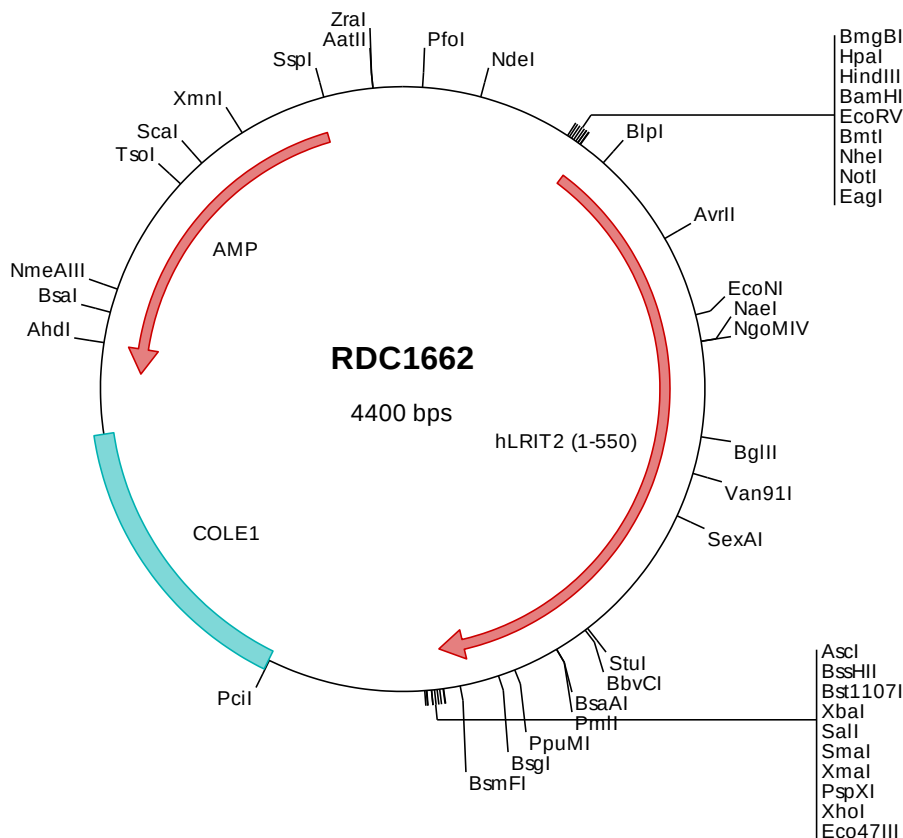
LRIT2 is a type I transmembrane protein. Its extracellular domain (ECD) contains one LRRNT, LRRCT, Ig-like, and Fibronectin type-III domain, and four leucine-rich repeats (LRRs). LRR motifs mediate protein-protein interactions in a variety of proteins including tyrosine kinase receptors, hormone receptors, extracellular matrix-binding proteins, cell-adhesion molecules, and bacterial virulence factors. Proteins containing LRRs play important roles in many biologically processes such as mammalian and neural development, cell polarization, gene expression, and apoptosis.

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

> RDC1662 Plasmid DNA Sequence

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> RDC1662 Translated Insert Sequence

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