

Specifications:

Gene:	<i>h</i> LRP8
Accession:	NP_004622
Insert size:	2905bp
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.

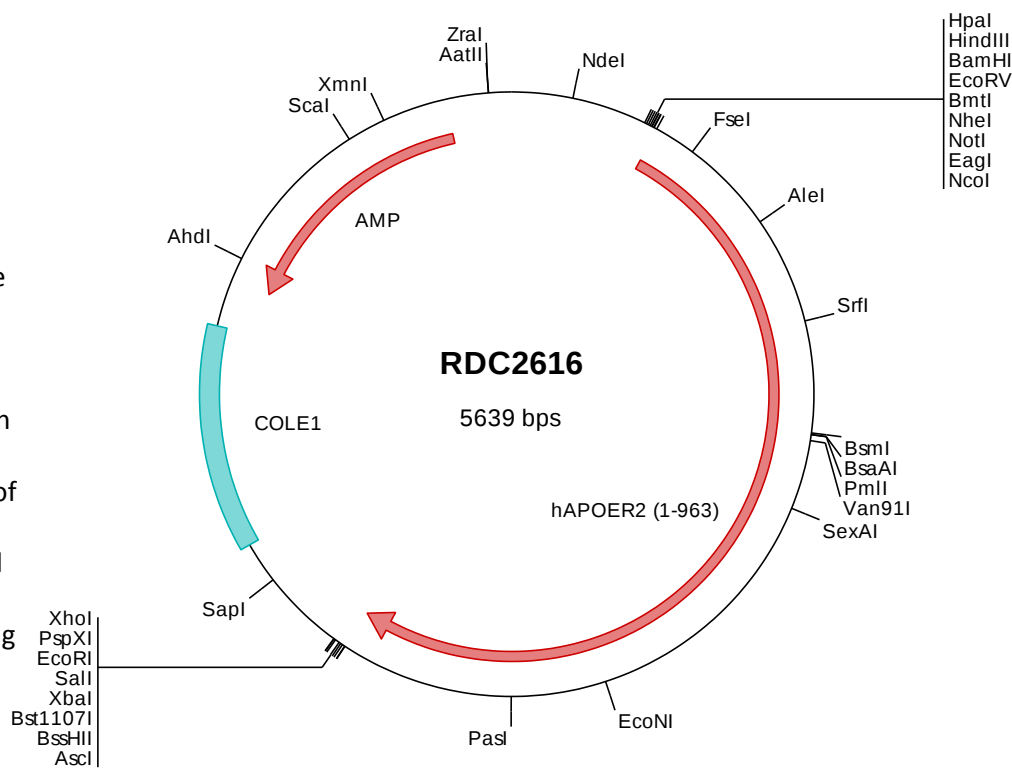
*h*Apolipoprotein E R2 cDNA Plasmid

LRP8 LDL receptor related
protein 8 [*Homo sapiens* (human)]

Also known as: MCI1; LRP-8;
APOER2; HSZ75190

Summary:

ApoER2/LRP8 is a member of the low density lipoprotein receptor (LDLR) family. Low density lipoprotein receptors are cell surface proteins that play roles in both signal transduction and receptor-mediated endocytosis of specific ligands for lysosomal degradation. LRP8 plays a critical role in the migration of neurons during development by mediating Reelin signaling and also functions as a receptor for the cholesterol transport protein apolipoprotein E.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2616 Plasmid DNA Sequence

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> RDC2616 Translated Insert Sequence

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