

Product datasheet for **RG240025**

LPHN2 (ADGRL2) (NM_001297705) Human Tagged ORF Clone

Product data:

| | |
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| Product Type: | Expression Plasmids |
| Product Name: | LPHN2 (ADGRL2) (NM_001297705) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | ADGRL2 |
| Synonyms: | CIRL2; CL2; LEC1; LPHH1; LPHN2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG240025 representing NM_001297705. Blue=ORF Red=Cloning site Green=Tag(s) |

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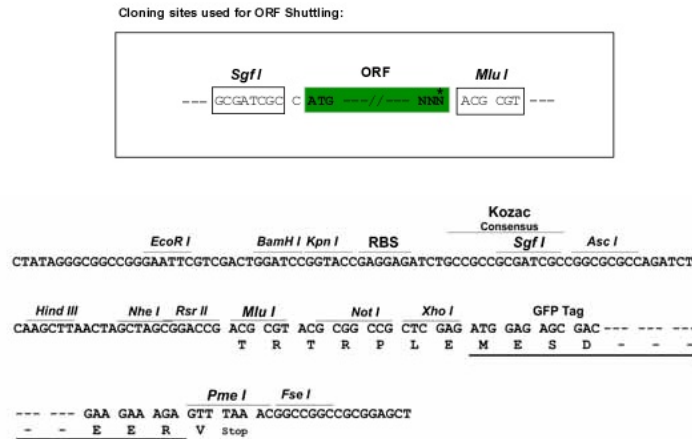
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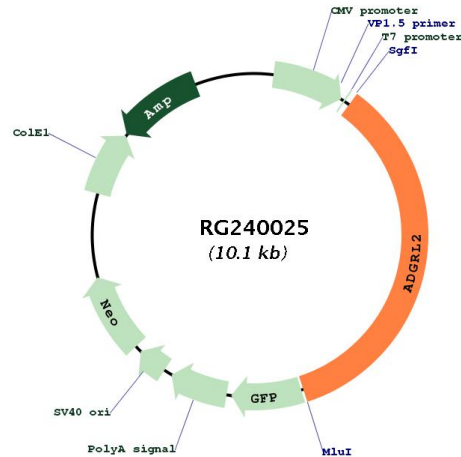
Protein Sequence: >Peptide sequence encoded by RG240025
 Blue=ORF Red=Cloning site Green=Tag(s)

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Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_001297705

ORF Size: 3531 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001297705.2](#)

RefSeq Size: 6127 bp

RefSeq ORF: 3534 bp

Locus ID: 23266

UniProt ID: [O95490](#)

Cytogenetics: 1p31.1

Protein Families: Druggable Genome, GPCR, Transmembrane

MW: 132.7 kDa

Gene Summary:

This gene encodes a member of the latrophilin subfamily of G-protein coupled receptors. The encoded protein participates in the regulation of exocytosis. The proprotein is thought to be further cleaved within a cysteine-rich G-protein-coupled receptor proteolysis site into two chains that are non-covalently bound at the cell membrane. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]