

Product datasheet for RC211983

LPHN3 (ADGRL3) (NM_015236) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LPHN3 (ADGRL3) (NM_015236) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LPHN3
Synonyms:	CIRL3; CL3; LEC3; LPHN3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC211983 representing NM_015236 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGCCATCGCAGCTACTAATTTTCATGATGCTCTTAGCTCCAATAATTCATGCTTTAGCCGTGCC
CAATTCGAATGGCTGTGGTCCGCAGAGAGCTATCCTGTGAGAGCTATCCTATAGAGCTTCGCTGTCCAGG
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TGAAGTGCAGTATGAATGTGCCCTTACAAAGTGAACAAAAAGTTTTCTTTGTCTGGACTACTAAAA
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ATCCCAGCTCTCGAAGAGAGCTGTGAGGCTGTGGAAGCCCGAGAAATCATGTGGTTAAGACTCGTCAAG
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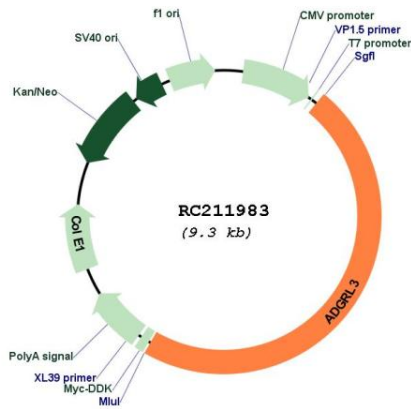
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_015236.6
RefSeq Size:	6141 bp
RefSeq ORF:	4410 bp
Locus ID:	23284
UniProt ID:	Q9HAR2
Cytogenetics:	4q13.1
Domains:	GPS, 7tm_2, Gal_Lectin, HormR, OLF, Latrophilin
Protein Families:	Druggable Genome, GPCR, Transmembrane
MW:	164.58 kDa

Gene Summary:

This gene encodes a member of the latrophilin subfamily of G-protein coupled receptors (GPCR). Latrophilins may function in both cell adhesion and signal transduction. In experiments with non-human species, endogenous proteolytic cleavage within a cysteine-rich GPS (G-protein-coupled-receptor proteolysis site) domain resulted in two subunits (a large extracellular N-terminal cell adhesion subunit and a subunit with substantial similarity to the secretin/calcitonin family of GPCRs) being non-covalently bound at the cell membrane. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC211983