

**Specifications:**

Gene:	<i>hADGRL3</i>
Accession:	NP_001309175
Insert size:	3736bp
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.

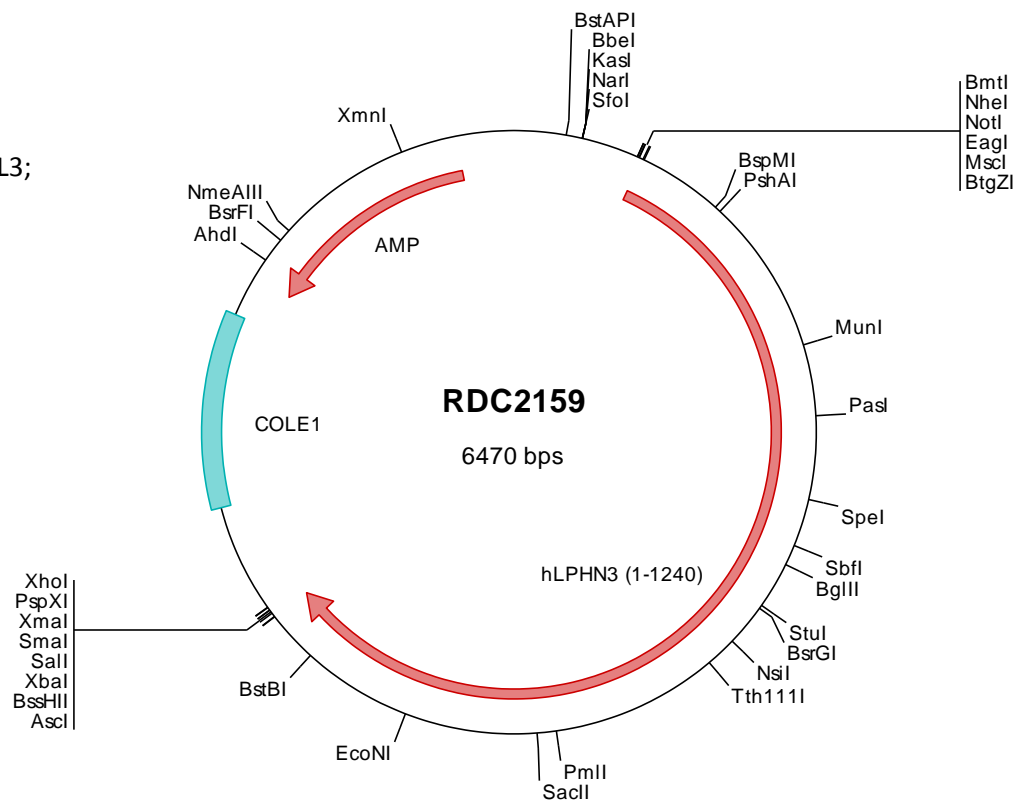
**hLatrophilin 3/LPHN3  
cDNA Plasmid**

**ADGRL3 adhesion G protein-coupled receptor L3 [ *Homo sapiens* (human) ]**

**Also known as:** CL3; LEC3; CIRL3; LPHN3

**Summary:**

LPHN3 is a member of the latrophilin subfamily of G-protein coupled receptors (GPCR). Latrophilins may function in both cell adhesion and signal transduction. LPHN3 appears to have a restricted expression pattern, being limited to brain and adrenal gland. Although it is related to the black widow toxin receptor CIRL1, it does not serve as a toxin receptor.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> **RDC2159 Translated Insert Sequence**

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1 mwpsqllifm mllapiihaf srapipmavv rrelscesy p ielrcpgtdv imiesanygr tddkicdsdp aqmenircyl pdaykimsqr cnnrtqcavv
101 agpdvfpdpc pgtykylevq yecvpykveq kvflcpglk gvygsehlfe sdhqsgawck dplqasdkiy ympwtpyrtd tlteysskdd fiagrpttty
201 klphrvdgtg fvvydgalff nkertrnivk fdlrtriksg eaiaananyh dtspyrwggk sdidlavden glwviyateq nngkivisql npytlriegt
301 wdtaydkrsa snafmicgil yvksvyedd dneatgnkid yiyntdqskd slvdvfpfns yqyiaavdyn prdnllyvwn nyhvvkysld fgpldrsqq
401 ahhgqvsysi ppihldsele rpsvkdistt gplmgsttt sttlrtttls pgrsttspvs grnrststp spavevlddm tthlpsassq ipaleescea
501 veareimwfk trqggiaqkp cpagtigvst ylclapdgiw dpqgpdlsnc sspwvnhitq klksgetaan iarelaeqtr nhlnagdity svramdqlvg
601 lldvqlrnl t pggkdsaars lnklqkrers crayvqamve tvnnllqpqa lnawrdltts dqiraatml htveesafvl adnllktdiv rentdnikle
701 varlstegnl edlkfpenmg hgstiqlsan tlkqngnge irvafvlynn lgpylstena smklgteals tnhsvivnsp vitaainkef snkvyladpv
801 vftvkhikqs eenfnpcsf wsykrmtg ywstggcrll ttnkthttcs onhltnfavl mahvevkhsd avhdllldvi twvgillslv clliciftfc
901 ffrglqsdn tihknlcisl fvaellflig inrtdqpiac avfaallhff flaaftwmfl egvqlyimlv evfesehsrr kyfylvgygm palivavsaa
1001 vdysrygtdk vcwlrldtyf iwsfigpatl iimlnviflg ialykmfhht ailkpesgcl dninyednrp fikswvigai allcllglw afglmyines
1101 tvimaylfti fnslggmfif ifhcvlqkkv rkeygkclrt hccsgkstes sigsgktsgs rtpgrystgs qsrirrmwnd tvrkqsessf itgdinssas
1201 lnrepyrets mgvklniayq igaseqcqgy kchgysttew

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