

## Specifications:

Gene:	mGPR15
Accession:	AAI19502
Insert size:	1095bp
Concentration:	10µg at 0.2µg/µL

## mGPR15 cDNA Plasmid

### Gpr15 G protein-coupled receptor 15 [ *Mus musculus* ]

#### Summary:

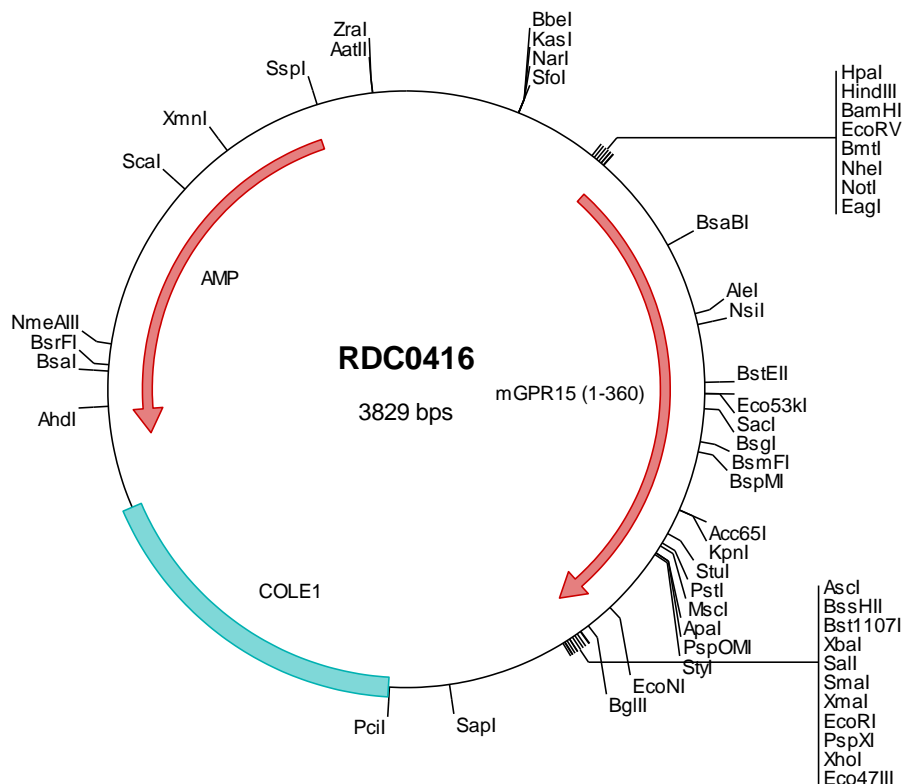
Cell surface expression of GPR15, a G protein-coupled receptor (GPCR) that serves as a co-receptor for HIV, is correlated with the binding of 14-3-3 proteins to the receptor C terminus. 14-3-3 binding substantially increases the stability of GPR15. 14-3-3 proteins play multiple roles in biogenesis and trafficking of the HIV co-receptor GPR15 to control its cell surface density in response to the phosphorylation signal.

## 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



### > RDC0416 Plasmid DNA Sequence

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1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggta cagcttgtct gtaagcggat gccgggagca gacaagcccg
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### > RDC0416 Translated Insert Sequence

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201 ittffvplls ivtccyccitr rlcahyqsg khnkkkksi kiviiavaaf tvswvpfntf kllaiivsgfq peglfhseal qlamvntgpl afasscvnpl
301 iyyvdsyir raivrclpc lkthnfgsst etsdshlka lsnfihaedf irrrkrsvsl

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