

## Specifications:

Gene:	hGPR35
Accession:	NP_001182310
Insert size:	1036bp
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

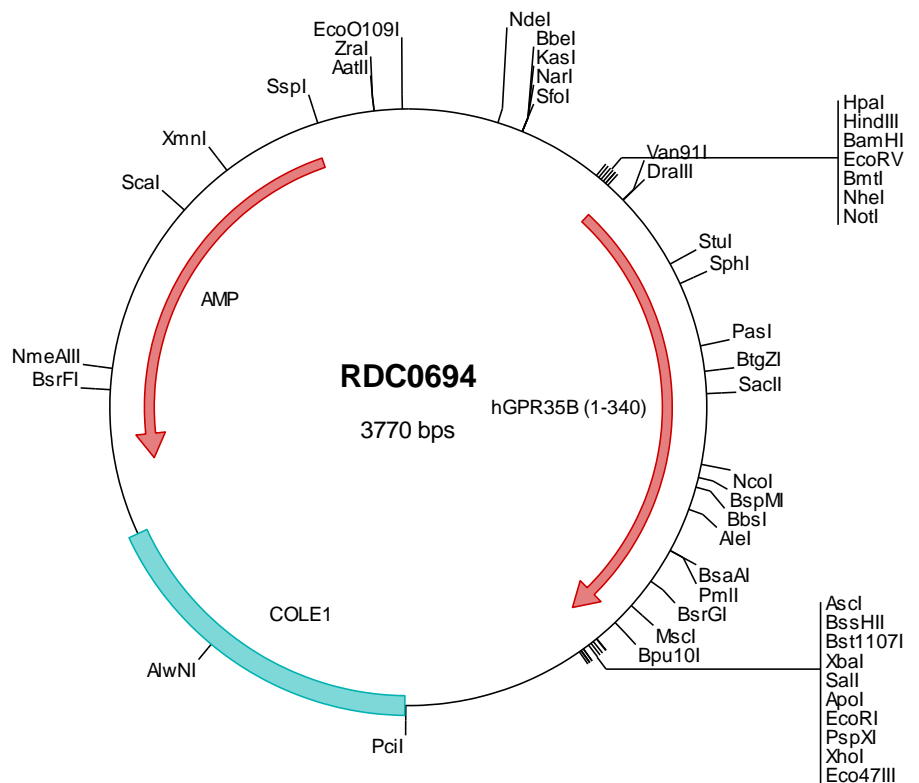
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

## hGPR35B cDNA Plasmid

### GPR35 G protein-coupled receptor 35 [ *Homo sapiens* (human) ]

#### Summary:

GPR35 is a rhodopsin-like G protein-coupled receptor (GPCR). GPR35 isoform B, also known as GPR35B, is longer at the N-terminus, compared to isoform A. Kynurenic acid, a tryptophan metabolite, and 2-acyl lysophosphatidic acid may act as endogenous ligands for GPR35. Human iNKT cells express GPR35 which is functionally active in reducing IL-4 release.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



## > RDC0694 Plasmid DNA Sequence

```
1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg teggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
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## > RDC0694 Translated Insert Sequence

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201 fnsmafpllg fylplavvfv cslkvvtala qrpptdvqga eatrkaarmv wanllvfvc flplhvgltv rlavgnwaca lletirraly itsklisdanc
301 cldaicyyym akefgeasal avapsakahk sqdslcvtla
```