

## Specifications:

Gene:	mGPR17
Accession:	NP_001020552
Insert size:	1033bp
Concentration:	10µg at 0.2µg/µL

## mGPR17 cDNA Plasmid

### Gpr17 G protein-coupled receptor 17 [ *Mus musculus* (house mouse) ]

#### Summary:

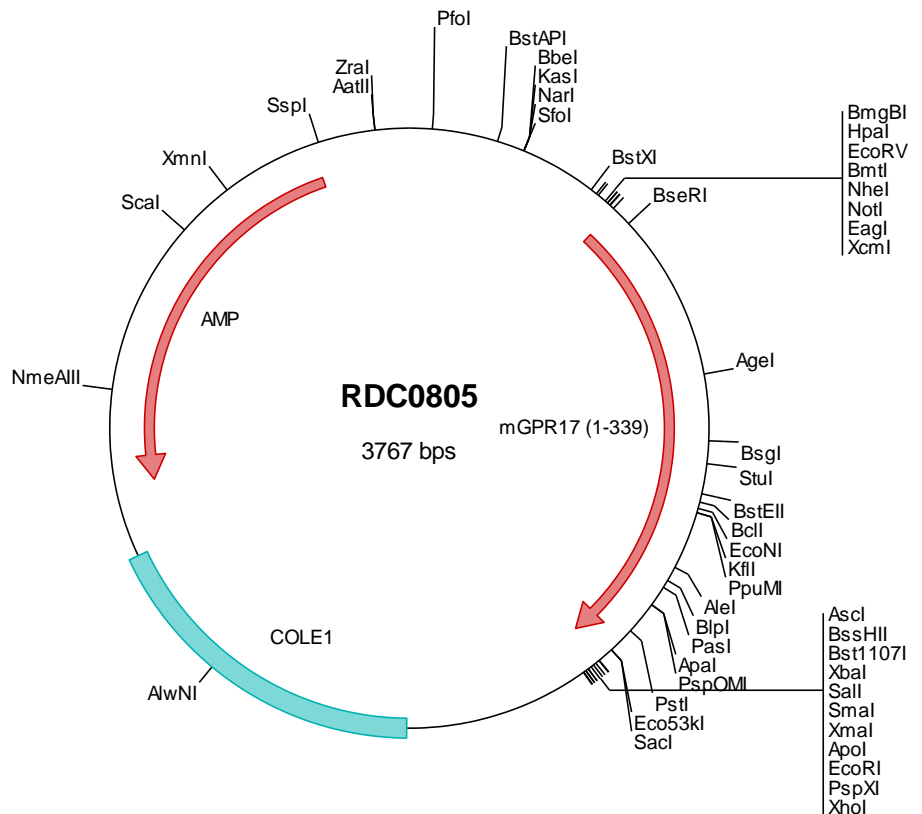
GPR17 is a P2Y-like G protein-coupled receptor that is activated by uracil-nucleotides and cysteinyl-leukotrienes. It is expressed by a subpopulation of oligodendrocyte precursor cells (OPCs), but not by astrocytes. It is also required for initiating the differentiation of oligodendrocyte precursors and has to be down-regulated to allow cells to undergo terminal maturation.

## 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.





### > RDC0805 Plasmid DNA Sequence

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### > RDC0805 Translated Insert Sequence

```

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201  ftfpfitvvt  cyllliirsl  qpriekhlk  nkavrmiamv  laiflicfvp  yhihrsvyvl  hyrgggtsc  agralalgnr  itscltsing  aldpvmyffv
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