

Specifications:

| | |
|----------------|------------------|
| Gene: | <i>hRAMP2</i> |
| Accession: | NP_005845 |
| Insert size: | 541bp |
| Concentration: | 10µg at 0.2µg/µL |

**hRAMP2 cDNA
Plasmid**

**RAMP2 receptor activity
modifying protein 2 [*Homo sapiens* (human)]**

Summary:

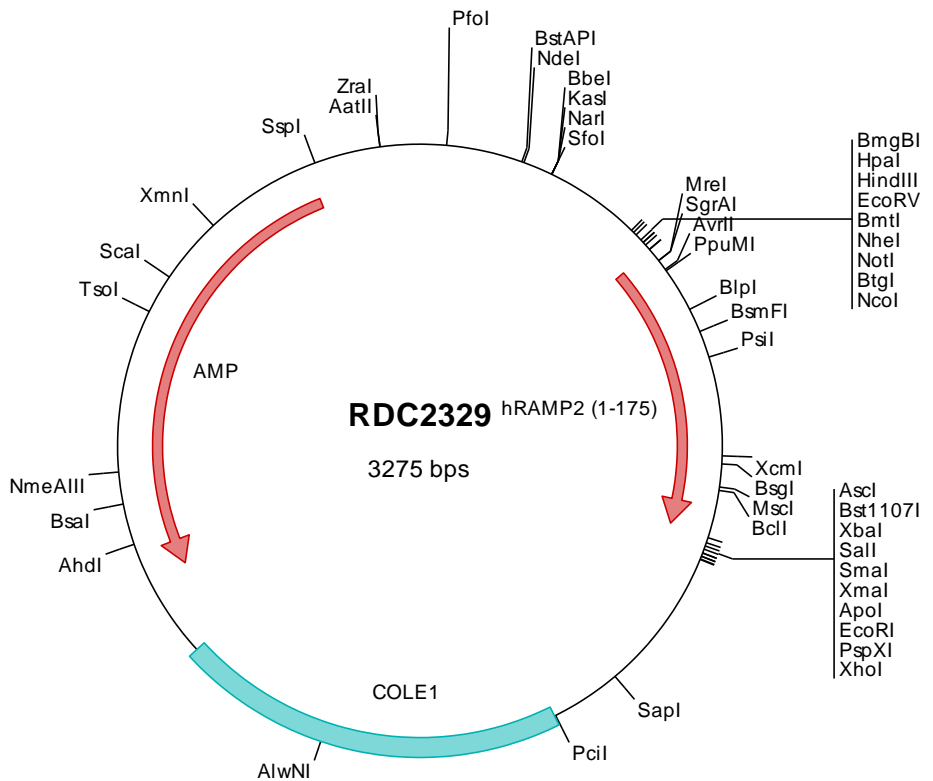
RAMP2 is a member of the RAMP family of single-transmembrane-domain proteins, called receptor (calcitonin) activity modifying proteins (RAMPs). RAMPs are type I transmembrane proteins with an extracellular N terminus and a cytoplasmic C terminus. RAMPs are required to transport calcitonin-receptor-like receptor (CRLR) to the plasma membrane. In the presence of RAMP2, CRLR functions as an adrenomedullin receptor. RAMP2 is involved in core glycosylation and transportation of adrenomedullin receptor to the cell surface.

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

> RDC2329 Plasmid DNA Sequence

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1   tcgctgctgtt  cggatgatgac  ggtgaaaacc  totgacacat  gcagctcccc  gagacgggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC2329 Translated Insert Sequence

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