

## Specifications:

|                |                  |
|----------------|------------------|
| Gene:          | <i>h</i> PLXNA2  |
| Accession:     | NP_079455        |
| Insert size:   | 5697bp           |
| Concentration: | 10µg at 0.2µg/µL |

## *h*Plexin A2 cDNA Plasmid

**PLXNA2 plexin A2 [ *Homo sapiens* (human) ]**

**Also known as:** OCT; PLXN2

### Summary:

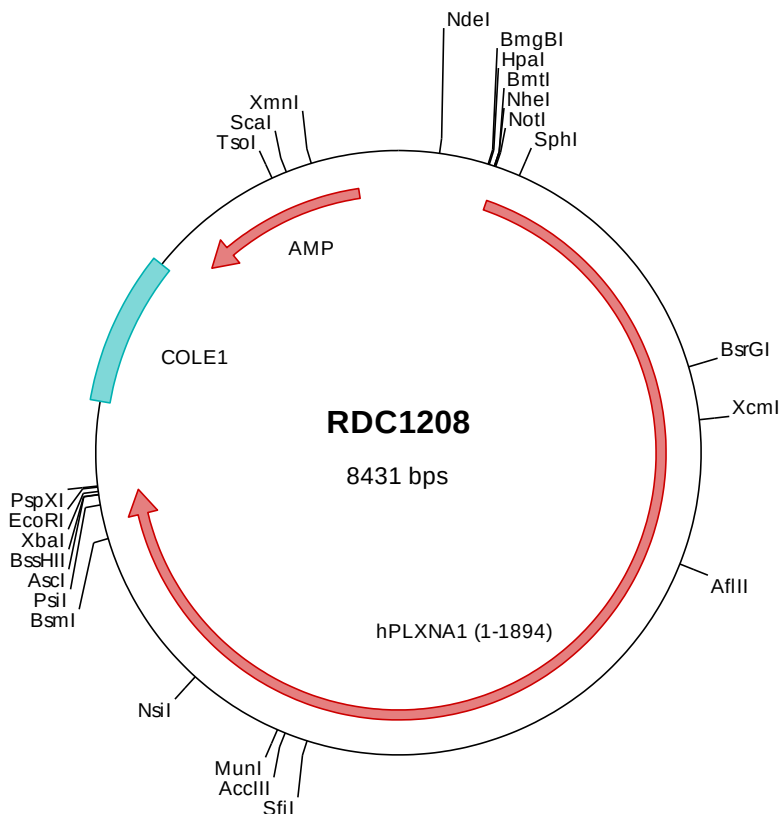
PLXNA2 is a member of the plexin-A family of semaphorin co-receptors. It is found on cerebellar granule cells, sensory neurons, and cardiac neural crest cells. It participates in cell migration and axon guidance, and does so by serving as a receptor for Sema6A and B, and as a coreceptor with neuropilin 1 for Sema3A and C.

## 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



## > RDC1208 Plasmid DNA Sequence

```
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## > RDC1208 Translated Insert Sequence

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