

**Specifications:**

Gene:	rPdgfrb
Accession:	NP_113713.1
Insert size:	3307bp
Concentration:	10 $\mu$ g at 0.2 $\mu$ g/ $\mu$ L

**rPDGF R $\beta$  cDNA  
Plasmid**

**Pdgfrb platelet derived growth factor receptor beta [ *Rattus norvegicus* (Norway rat) ]**

**Also known as:** PDGFR-1

**Summary:**

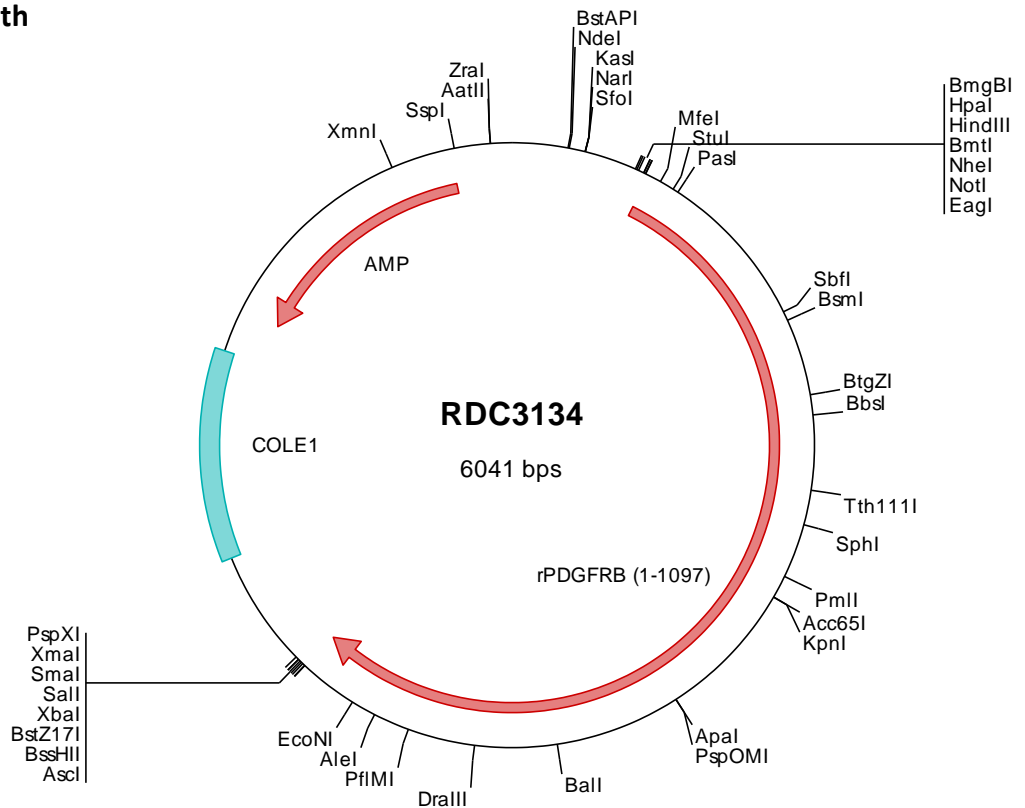
PDGFRB is a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. Members of this family of growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer. The heterodimer is composed of both platelet-derived growth factor receptor alpha and beta polypeptides. PDGFRB plays a novel role in the progression of many vascular diseases.

**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

**> RDC3134 Plasmid DNA Sequence**

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**> RDC3134 Translated Insert Sequence**

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