

## Specifications:

Gene:	hPDGFRB
Accession:	AAA36427
Insert size:	3334bp
Concentration:	10 $\mu$ g at 0.2 $\mu$ g/ $\mu$ L

## hPDGFR $\beta$ cDNA Plasmid

**PDGFRB platelet-derived growth factor receptor, beta polypeptide [ *Homo sapiens* ]**

**Also known as:** JTK12;  
PDGFR; CD140B; PDGFR1;  
PDGFR-1

### Summary:

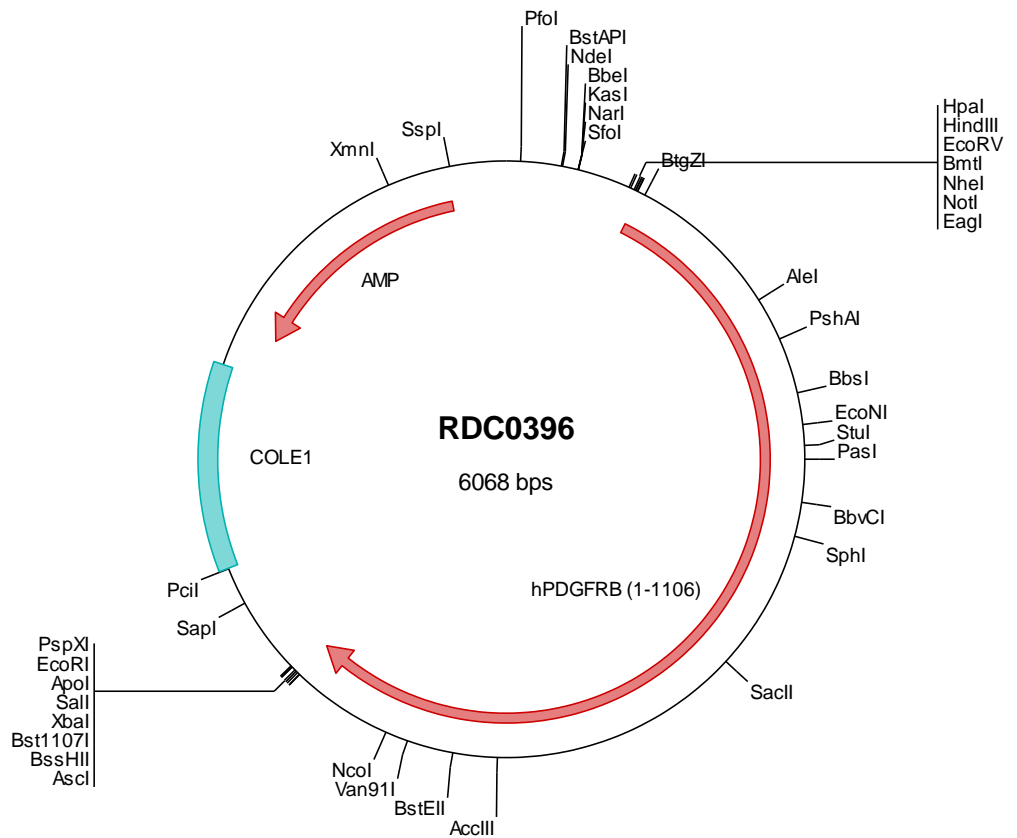
PDGFRB is a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. Members of this family of growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is 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



> RDC0396 Plasmid DNA Sequence

1 tcgctggctt cggatgatgac ggtgaaacc tetgacacat gcagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg teggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatattgcg gtgtgaaata
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> RDC0396 Translated Insert Sequence

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