

### Specifications:

Gene:	hPF4
Accession:	NP_002610.1
Insert size:	319bp
Concentration:	10µg at 0.2µg/µL

## hCXCL4/PF4 cDNA Plasmid

**PF4 platelet factor 4 [ *Homo sapiens* (human) ]**

**Also known as:** PF-4; CXCL4; SCYB4

### Summary:

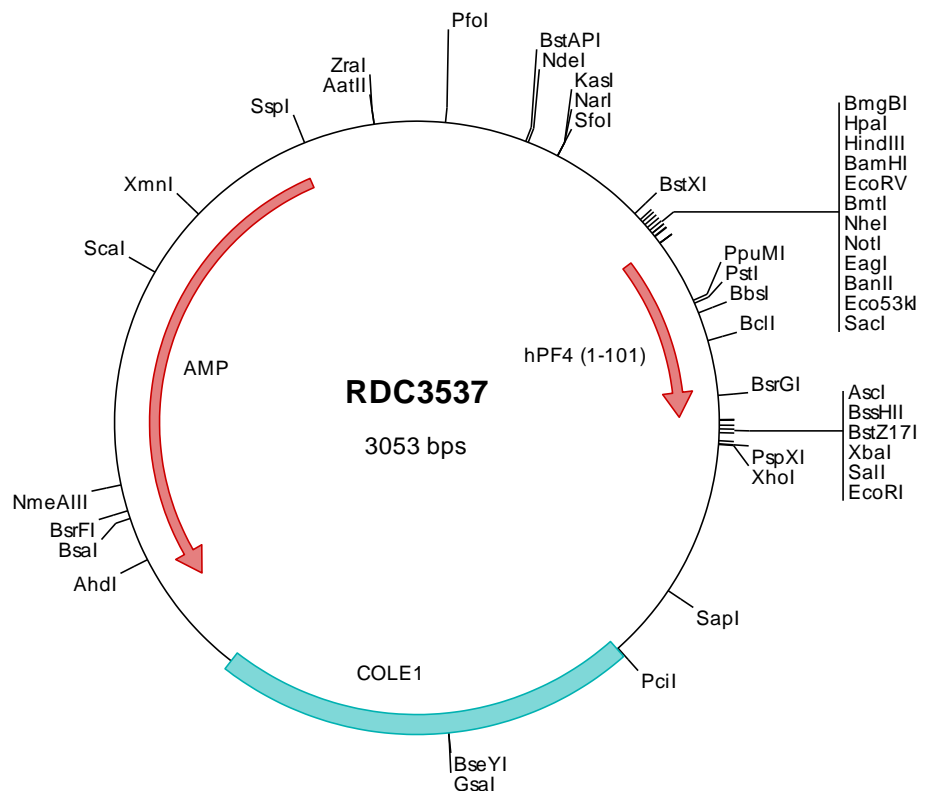
PF4 is a member of the CXC chemokine family. PF4 is released from the alpha granules of activated platelets in the form of a homotetramer which has high affinity for heparin and is involved in platelet aggregation. PF4 is chemotactic for numerous other cell type and also functions as an inhibitor of hematopoiesis, angiogenesis and T-cell function. It also exhibits antimicrobial activity against *Plasmodium falciparum*.

### 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.



> RDC3537 Plasmid DNA Sequence

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1   tcgctgctgtt  cggatgatgac  ggtgaaaacc  totgacacat  gcagctcccc  gagacgggtc  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC3537 Translated Insert Sequence

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101  s

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