

## Specifications:

Gene:	hPTAFR
Accession:	NP_000943
Insert size:	1040bp
Concentration:	10µg at 0.2µg/µL

## hPTAFR cDNA Plasmid

PTAFR platelet-activating factor receptor [ *Homo sapiens* ]

Also known as: PAFR

### Summary:

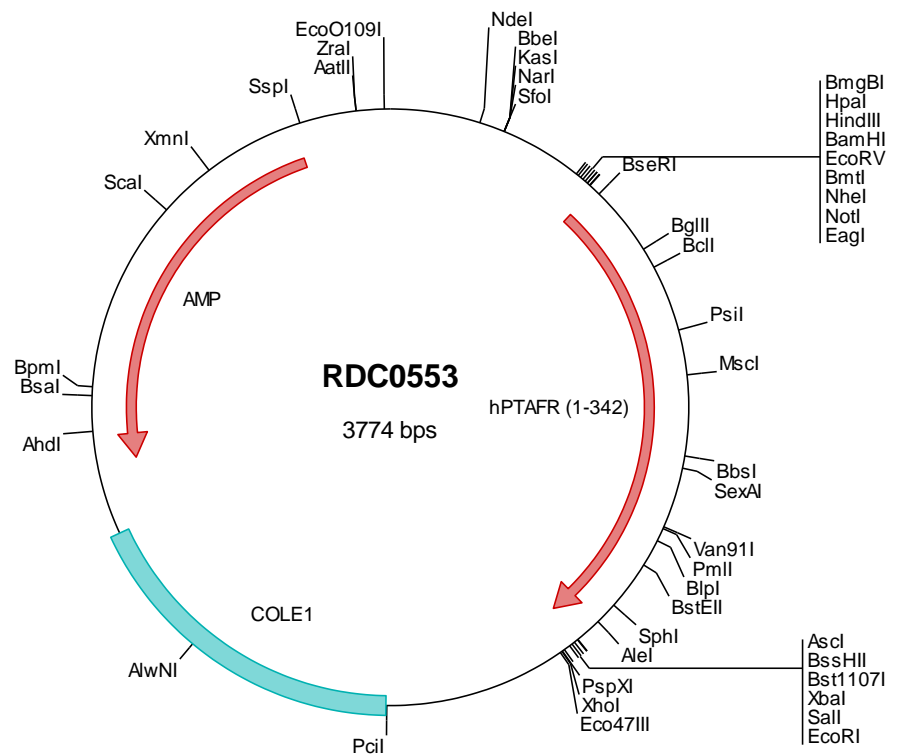
PTAFR is a seven-transmembrane G protein-coupled receptor for platelet-activating factor (PAF) that localizes to lipid rafts and/or caveolae in the cell membrane. PAF binding to PTAFR stimulates numerous signal transduction pathways including phospholipase C, D, A2, mitogen-activated protein kinases (MAPKs), and the phosphatidylinositol-calcium second messenger system.

## 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.





> RDC0553 Plasmid DNA Sequence

1 tcgctggctt cggatgatgc ggtgaaacc tetgacacat gcaagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tetggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcgctat
301 taaggcagct ggcgaaagg ggaatgtctg caaggcgatt aagtgggta acgcccagggt ttcccgatc acgacgttgt aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagcct ggaaccgata tcgctagcgc ggcgcgacc atggagccac atgactcctc ccacatggac tctgagttcc gatacactct
501 cttcccgatt gtttacagca tcactttgtt gctcggggtc attgctaag gtaactgtgt gtgggttctt gcccgctgt acccttgcaa gaaatcoaat
601 gagataaaga tcttoatggt gaaactcacc atggcggaca tgcctctctt gataccctgt ccactttgga ttgttacta ccaaaaccag ggcaactgga
701 taactcccaa attcctgtgc aacgtggctg gctgcctttt cttcatcaac acctaactgt ctgtggcctt cctggggctc atacttata accgcttcca
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1801 tgctctcgtt cgttcgctgt cggcagcggg tatcagctca ctcaaaaggcg gtaatacgtt tatccacaga atcaggggat aacgcaggaa agaactatgt
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2301 gcagcagcca ctgtaacag gattagcaga gcgaggtatg taggcggtgc tacagagttc ttgaagtggg ggcctaacta cggctacact agaaggacag
2401 tatttggat ctgcgctctg ctgaagccag ttacctcgg aaaaagatt ggtagctctt gatccggcaa acaaacacc gctggtagcg gtgtttttt
2501 tgtttgcaag cagcagatta cgcgcagaaa aaaaggatct caagaagatc ctttgatctt ttctacgggg tctgacgctc agtggaaaca aaactcacgt
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3701 acctgacgtc taagaaacca ttattatcat gacattaacc tataaaaaata ggcgtatcac gaggcccttt cgtc

> RDC0553 Translated Insert Sequence

1 mephdsshmd sefrytlfpi vysliiflv g iangyvlwvf arlypckkfn eikifmvnlt madmlflitl plwivyyqng gnwlpkflc nvagclffin
101 tycsvaflgv itynrfqavt rpiktaqant rkrqislslv iwvaivgaas yflildstnt vpdagsgnv trcfeyhekg svpvlilhih ivfsfflvfl
201 iilfclnlii rtlmqpvqq qrnaevkrra lmwvctvlav fiicfvphv vqlpwtlael gfdskfhqa indahqvtlc llstncvldp viyfcfltkkf
301 rkhltkfyf msrrkcsra ttdvtvevv pfnqipgnsl kn