

## Specifications:

Gene:	hPAR4
Accession:	AAC25699
Insert size:	1170bp
Concentration:	10µg at 0.2µg/µL

## hPAR4 cDNA Plasmid

### F2RL3 coagulation factor II (thrombin) receptor-like 3 [ *Homo sapiens* ]

Also known as: PAR4

#### Summary:

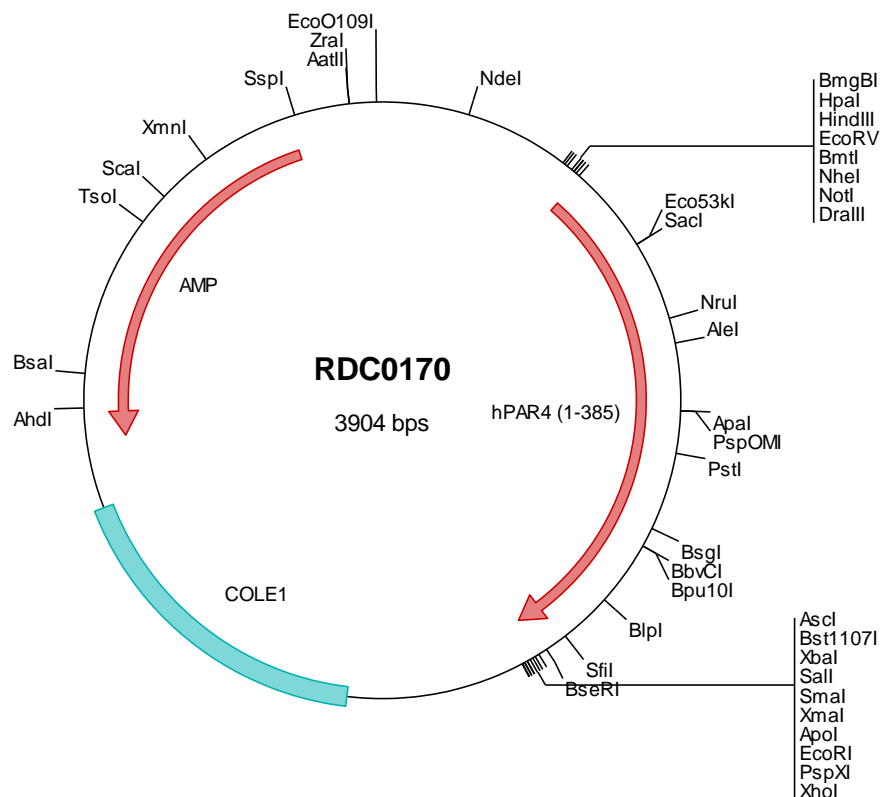
PAR4 also known as Coagulation Factor II (thrombin) receptor-like 3 (F2RL3) is a member of the large family of 7-transmembrane receptors that couple to guanosine-nucleotide-binding proteins. PAR4 is also a member of the protease-activated receptor family and is activated by proteolytic cleavage of its extracellular amino terminus. The new amino terminus functions as a tethered ligand and activates the receptor. PAR4 is activated by thrombin and trypsin. Down-regulation of PAR4 expression occurs frequently in gastric cancers and exhibits association with more aggressive gastric cancer.

## 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



> RDC0170 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcaggggcgc tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgtaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcgggccc tcttcgctat
301 taaggcagct ggcgaaaggg ggaatgtctg caaggcgatt aagtgggta acgcccagggt ttcccgatc acgacgttg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagctt ggaatccgata tcgctagcgc gggcgcacc atgtgggggc gactgtcctc gttggcccctg gtgtgggggt tcagcctgtc
501 tggcggcacc cagaccccga cggtctacga cgagagcggg agcaaccgag gtggtgatga cagcaacccc tcaatcctgc ctgccccccg cggctacca
601 ggccaagtct gtgccaatga cagtgcaccc ctggagctcc cggacagctc acgggcaact ctctgggct gggtgcccac caggctggtg cccgccctct
701 atgggctggt cctggtggtg gggctgccc ccaatgggct ggcgctgtg gtgtggcca cgcaggcacc tggctgccc tccaccaatg tctgtagaa
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2101 cccctgacg agcatcaca aaatcgacgc tcaagtca ggtggcga cccgacagga ctataaagat accagcgctt tccccctgga agctcctcg
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2401 aacccggtaa gacacgactt atcgcactg gcagcagcca ctggtaacag gattagcaga gcgaggtatg taggcggtgc tacagagttc ttgaagtgt
2501 ggcctaacta cggctacact agaaggacag tatttggat ctgctgctg ctgaagccag ttacctcgg aaaaagatt ggtagctctt gatccggcaa
2601 acaaacacc gctggtagcg gttggttttt tgtttgcaag cagcagatta cgcgcagaaa aaaaggatct caagaagatc ctttgatctt ttctacggg
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3501 ctcatcatt ggaaaacgct cttcggggcg aaaaactctca aggatcttac cgtctgtgag atccagttcg atgtaaccca ctgcgtcacc caactgatct
3601 tcagcatctt ttactttcac cagcgtttct ggtgagcaaa aaacaggaag gcaaaatgcc gcaaaaaagg gaataaggcg tacacggaaa gtttgaatac
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3901 cgtc

> RDC0170 Translated Insert Sequence

1 mwgrlllwlpl vlqfslsggt qtpsvydesg stgggddstp silpaprgyp gqvcandsdt lelpdssral llgwvptrlv palyglvlv glpanglalw
101 vlatqaprlp stmlmmlat adlllalalp priayhlrgg rwpfgeaacr lataalyghm ygsvlllaav sldrylalvh plraralrgr rlaiglcmaa
201 wlmaaalalp ltlqrqtfri arsdrlvchd alpdaqash wqpaftclal lgcflpllam lcygatllht laasgrygh alrltavvla savaffvpsn
301 lllllhysdp spsawgnlyg ayvpslalst lnsvdpfy yvvsaefrdk vraglfqrsp gdtvaskasa eggsgmgt h sllq