

Specifications:

Gene:	<i>m</i> PAR4
Accession:	NP_032001
Insert size:	1203bp
Concentration:	10µg at 0.2µg/µL

*m*PAR4 cDNA Plasmid

**F2rl3 coagulation factor II
(thrombin) receptor-like 3 [*Mus
musculus*]**

Summary:

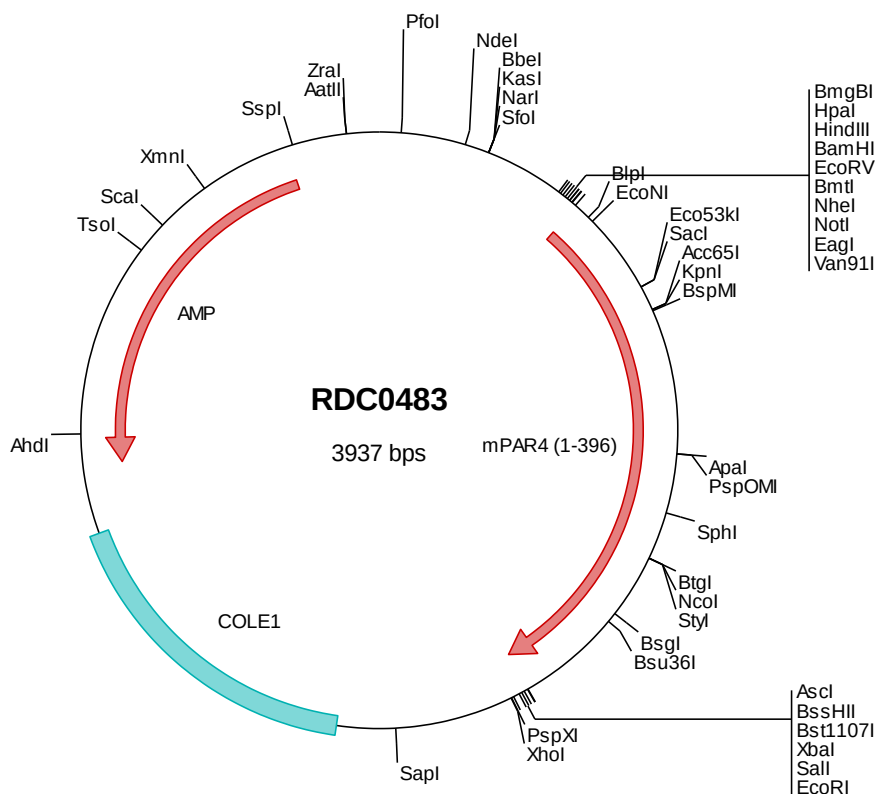
PAR4 is a member of the large family of 7 transmembrane-region receptors that couple to guanosine-nucleotide-binding proteins. PAR4 is also a member of the protease-activated receptor family. It is activated by proteolytic cleavage of its extracellular amino terminus. The new amino terminus functions as a tethered ligand and activates the receptor. PAR4 may play a key role in mediating neutrophil recruitment in a mouse model of pleurisy induced by the activity of trypsin or trypsin-like enzymes.

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



> RDC0483 Plasmid DNA Sequence

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201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgcatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggaatgtctg caagcgattt aagtgggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
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> RDC0483 Translated Insert Sequence

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201  gqrlttglcl vawlsaatla lpltlhrqtf rlagsdrmlc hdaalpteqt shwrpaficl avlgcfvpll amglcygat1 ralaangqry shalrltalv
301  lfsavasftp snvlvlhys npspeawgnl ygayvpslal stlnscvdfp iyyvvshefr ekvramlcrq peassssqas reagsrgtai csstll
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