*h*PAR3 VersaClone cDNA

Catalog Number: RDC0168

Specifications:

Gene:	*h*PAR3
Accession:	NP_004092
Insert size:	1136bp
Concentration:	10µg at 0.2µg/µL

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

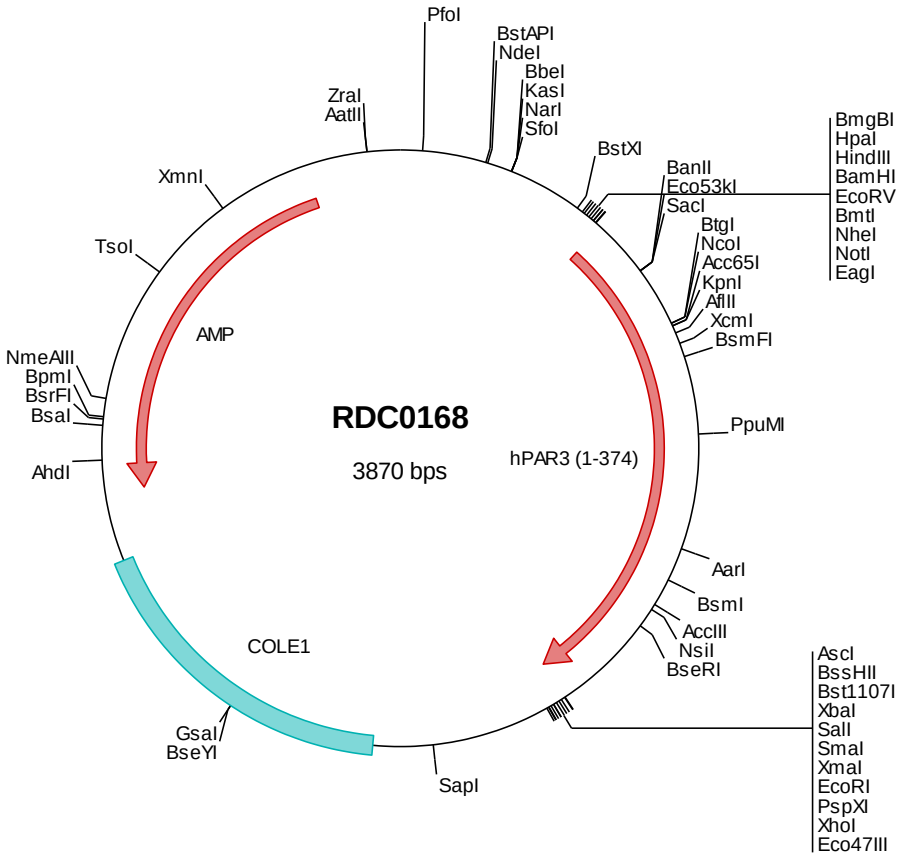
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*PAR3 cDNA Plasmid

F2RL2 coagulation factor II (thrombin) receptor-like 2 [*Homo sapiens*]

Also known as: PAR3; PAR-3

Summary:
PAR3 is a member of the protease-activated receptor (PAR) family which is a subfamily of the seven transmembrane G protein-coupled cell surface receptor family. PAR3 has highest expression in the megakaryocytes of the bone marrow, lower in mature megakaryocytes, in platelets and in a variety of other tissues such as heart and gut. A proteolytic cleavage generates a new N-terminus that functions as a tethered ligand. PAR3 acts as a PAR1 cofactor in some cell-types in the thrombin-mediated cleavage and activation of the protease-activated receptor family member PAR4. PAR3 plays an essential role in hemostasis and thrombosis.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0168 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgaaagccc tcatctttgc agctgctggc ctcctgcttc tgttgcccac
 501  tttttgtcag agtggcatgg aaaatgatac aaacaacttg gcaaagccaa ccttacccat taagaccttt cgtggagctc ccccaaattc ttttgaagag
 601  ttccccttt ctgccttgga aggctggaca ggagccacga ttactgtaaa aattaagtgc cctgaagaaa gtgcttcaca tctccatgtg aaaaatgcta
 701  ccatggggta cctgaccagc tccttaagta ctaaactgat acctgccatc tacctcctgg tgtttgtagt tggtgtcccg gccaatgctg tgaccctgtg
 801  gatgcttttc ttcaggacca gatccatctg taccactgta ttctacacca acctggccat tgcagatttt ctttttgtg ttacattgcc ctttaagata
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1101  gtgggcaaca gttttcttat atatgctgcc atttttcata ctgaagcagg aatattatct tgttcagcca gacatcacca cctgccatga tgttcacaac
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1401  caatattatt cttattattc accatgctaa ctactactac aacaacactg atggcttata ttttatatat ctcatagctt tgtgcctggg tagtcttaat
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1601  cacccgggga attcctcgag cgctcgtctc tagcttggcg taatcatggt catagctgtt tcctgtgtga aattgttatc cgctcacaat tccacacaac
1701  atacgagccg gaagcataaa gtgtaaagcc tggggtgcct aatgagtgag ctaactcaca ttaattgcgt tgcgctcact gcccgctttc cagtcgggaa
1801  acctgtcgtg ccagctgcat taatgaatcg gccaacgcgc ggggagaggc ggtttgcgta ttgggcgctc ttccgcttcc tcgctcactg actcgctgcg
1901  ctcggtcgtt cggctgcggc gagcggtatc agctcactca aaggcggtaa tacggttatc cacagaatca ggggataacg caggaaagaa catgtgagca
2001  aaaggccagc aaaaggccag gaaccgtaaa aaggccgcgt tgctggcgtt tttccatagg ctccgccccc ctgacgagca tcacaaaaat cgacgctcaa
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3701  ttatcagggt tattgtctca tgagcggata catatttgaa tgtatttaga aaaataaaca aatagggggtt ccgcgcacat ttccccgaaa agtgccacct
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> RDC0168 Translated Insert Sequence

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 201  yrglpkhtya lvtcglvwat vflymlpffi lkqeyylvqp dittchdvhn tcessspfql yyfislaffg flipfvliiy cyaaiirtln aydhrwlwyv
 301  kasllilvif ticfapsnii liihhanyyy nntdglyfiy lialclgsln scldpflyfl msktrnhsta yltk
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