*h*FPRL1/FPR2 VersaClone cDNA

Catalog Number: RDC0059

Specifications:

Gene:	*h*FPRL1/FPR2
Accession:	NP_001453
Insert size:	1068bp
Package size:	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

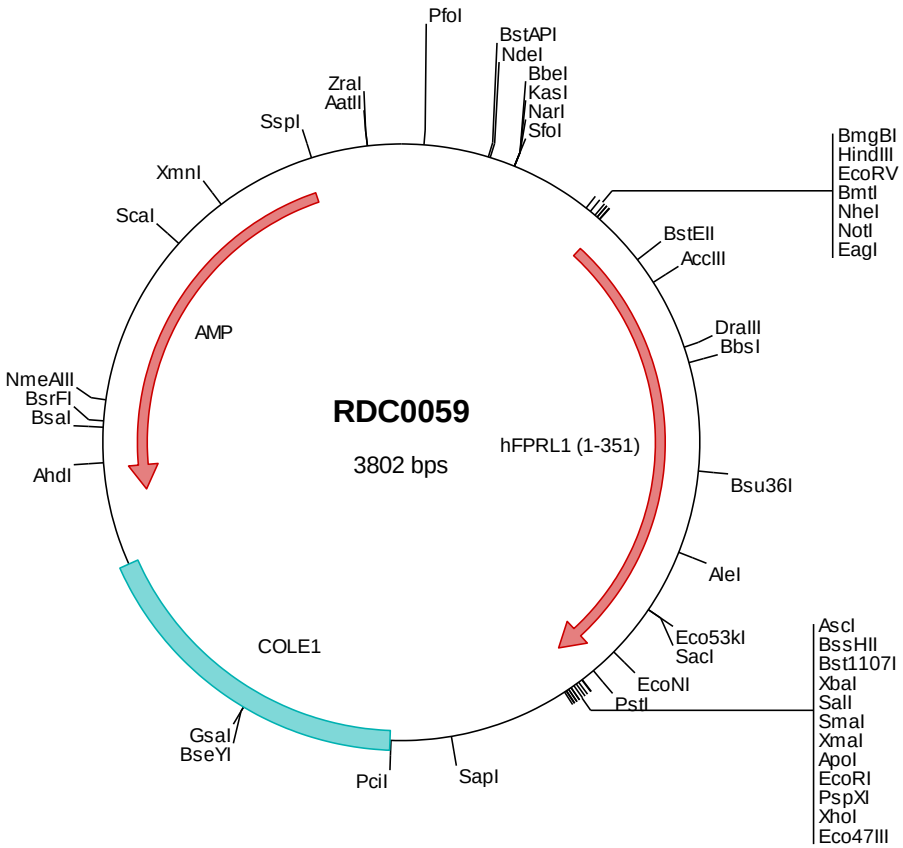
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*FPRL1/FPR2 cDNA Plasmid

FPR2 formyl peptide receptor 2 [*Homo sapiens*]

Also known as: ALXR; HM63; FMLPX; FPR2A; FPRH1; FPRH2; FPRL1; LXA4R; FMLP-R-II

Summary:
FPRL1 is a 7TM protein expressed on mononuclear phagocytes and microglial cells. It interacts with formyl peptides to attract phagocytes to sites of infection and promote inflammatory reactions. FPRL1 also interacts with amyloid beta peptides and has been implicated in phagocyte attraction to sites of amyloid plaques in Alzheimer's disease.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0059 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 atggaaacca acttctccac tcctctgaat gaatatgaag aagtgtccta
 501  tgagtctgct ggctacactg ttctgcggat cctcccattg gtggtgcttg gggtcacctt tgtcctcggg gtcctgggca atgggcttgt gatctgggtg
 601  gctggattcc ggatgacacg cacagtcacc accatctgtt acctgaacct ggccctggct gacttttctt tcacggccac attaccattc ctcattgtct
 701  ccatggccat gggagaaaaa tggcctttg gctggttcct gtgtaagtta attcacatcg tggtggacat caacctcttt ggaagtgtct tcttgattgg
 801  tttcattgca ctggaccgct gcatttgtgt cctgcatcca gtctgggccc agaaccaccg cactgtgagt ctggccatga aggtgatcgt cggaccttgg
 901  attcttgctc tagtccttac cttgccagtt ttcctctttt tgactacagt aactattcca aatggggaca catactgtac tttcaacttt gcatcctggg
1001  gtggcacccc tgaggagagg ctgaaggtgg ccattaccat gctgacagcc agagggatta tccggtttgt cattggcttt agcttgccga tgtccattgt
1101  tgccatctgc tatgggctca ttgcagccaa gatccacaaa aagggcatga ttaaatccag ccgtccctta cgggtcctca ctgctgtggt ggcttctttc
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1401  gcccaccagt ctggagaggg ccctgtctga ggactcagcc ccaactaatg acacggctgc caattctgct tcacctcctg cagagactga gttacaggca
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1601  gaaattgtta tccgctcaca attccacaca acatacgagc cggaagcata aagtgtaaag cctggggtgc ctaatgagtg agctaactca cattaattgc
1701  gttgcgctca ctgcccgctt tccagtcggg aaacctgtcg tgccagctgc attaatgaat cggccaacgc gcggggagag gcggtttgcg tattgggcgc
1801  tcttccgctt cctcgctcac tgactcgctg cgctcggtcg ttcggctgcg gcgagcggta tcagctcact caaaggcggt aatacggtta tccacagaat
1901  caggggataa cgcaggaaag aacatgtgag caaaaggcca gcaaaaggcc aggaaccgta aaaggccgc gttgctggcg tttttccata ggctccgccc
2001  ccctgacgag catcacaaaa atcgacgctc aagtcagagg tggcgaaacc cgacaggact ataaagatac caggcgtttc cccctggaag ctccctcgtg
2101  cgctctcctg ttccgaccct gccgcttacc ggatacctgt ccgcctttct cccttcggga agcgtggcgc tttctcaatg ctcacgctgt aggtatctca
2201  gttcggtgta ggtcgttcgc tccaagctgg gctgtgtgca cgaaccccc gttcagcccg accgctgcgc cttatccggt aactatcgtc ttgagtccaa
2301  cccggtaaga cacgacttat cgccactggc agcagccact ggtaacagga ttagcagagc gaggtatgta ggcggtgcta cagagttctt gaagtggtgg
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2501  aaaccaccgc tggtagcggt ggtttttttg tttgcaagca gcagattacg cgcagaaaaa aaggatctca agaagatcct ttgatctttt ctacggggtc
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2701  aaatcaatct aaagtatata tgagtaaact tggtctgaca gttaccaatg cttaatcagt gaggcaccta tctcagcgat ctgtctattt cgttcatcca
2801  tagttgcctg actccccgtc gtgtagataa ctacgatacg ggagggctta ccatctggcc ccagtgctgc aatgataccg cgagacccac gctcaccggc
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3001  gaagctagag taagtagttc gccagttaat agtttgcgca acgttgttgc cattgctaca ggcatcgtgg tgtcacgctc gtcgtttggt atggcttcat
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3501  agcatctttt actttcacca gcgtttctgg gtgagcaaaa acaggaaggc aaaatgccgc aaaaaaggga ataagggcga cacggaaatg ttgaatactc
3601  atactcttcc tttttcaata ttattgaagc atttatcagg gttattgtct catgagcgga tacatatttg aatgtattta gaaaaataaa caaatagggg
3701  ttccgcgcac atttccccga aaagtgccac ctgacgtcta agaaaccatt attatcatga cattaaccta taaaaatagg cgtatcacga ggccctttcg
3801  tc
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> RDC0059 Translated Insert Sequence

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 101  ihivvdinlf gsvfligfia ldrcicvlhp vwaqnhrtvs lamkvivgpw ilalvltlpv flflttvtip ngdtyctfnf aswggtpeer lkvaitmlta
 201  rgiirfvigf slpmsivaic ygliaakihk kgmikssrpl rvltavvasf ficwfpfqlv allgtvwlke mlfygkykii dilvnptssl affnsclnpm
 301  lyvfvgqdfr erlihslpts leralsedsa ptndtaansa sppaetelqa m
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