

## Specifications:

Gene:	mFPR1
Accession:	NP_038549
Insert size:	1107bp
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.

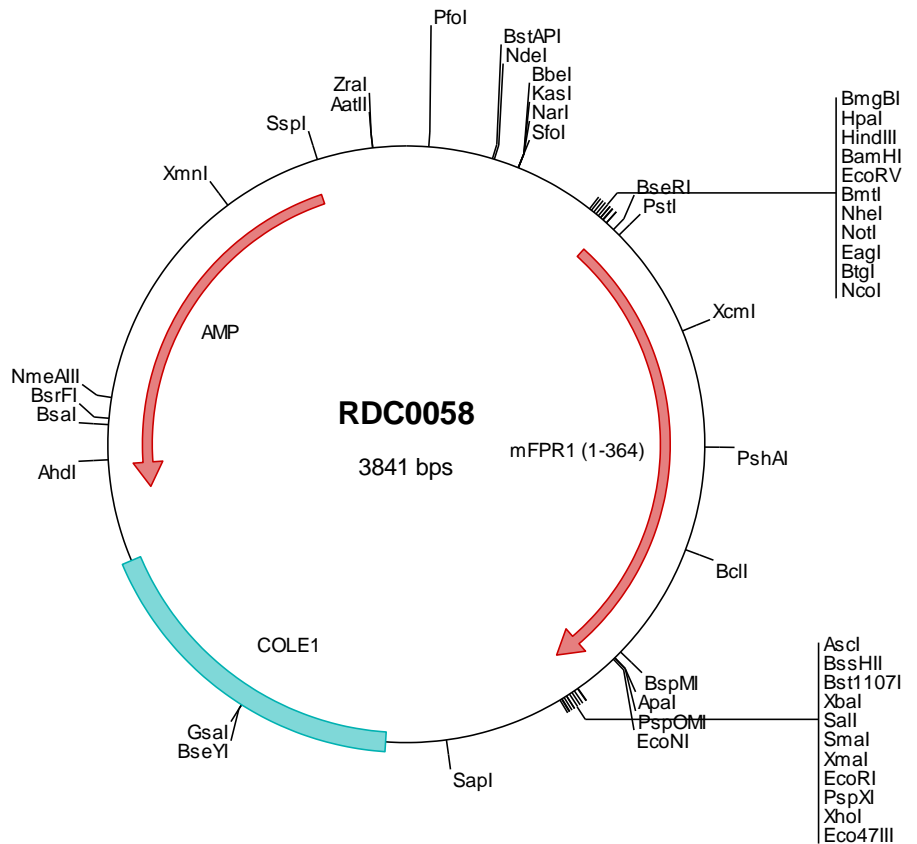
## mFPR1 cDNA Plasmid

### Fpr1 formyl peptide receptor 1 [ *Mus musculus* ]

**Also known as:** FPR; LXA4R; fMLF-R

#### Summary:

FPR1 is a G protein-linked seven transmembrane domain spanning receptor that binds bacterial N-formyl-methionyl peptides and ligands involved in cell damage, disease or inflammation. It is expressed on phagocytes where it mediates the response of phagocytic cells to invasion of the host by microorganisms. FPR1 draws neutrophils to sites of infection and promotes degranulation. It is important in host defense and inflammation.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0058 Plasmid DNA Sequence

1 tcgcgcggtt cggatgatgac ggtgaaaacc 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 ggtgcgggcc tcttcgctat
301 tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgccagggt ttcccgatc acgacgtgtg aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagcctt ggatccgata tcgctagcgc gggcgcacc atggacacca acatgtctct cctcatgaac aagtctcag tgaacctcat
501 gaatgtatct gggagtactc aatcagatc tgetggctac atcgtttctg atgtctctc atatttgatc ttgccgtoa cattgtctct tggggtctg
601 ggcaacgggc tcgtgatctg ggtggtggtt ttccgatga aacacactgt caccaccatc tcttacttga acttggccat tgetgacttt tgettcaett
701 caactttgcc attttacatt gccagcatgg tcatgggagg acattggcca ttgttgggtt tcatgtgcaa attcatatat actgtaatag acataaacct
801 atttggaagt gtcttctctga ttgcccctat tgcactggac cgtgtatatt gtgttctgca tccagtctgg gtcagaacc accgcactgt gaccctagcc
901 aagaaggtaa tcatogtacc ctggatttgt gcaattcttc ttaactggcc agttatcatt cgtttgacca cagtccctaa tagtagactt ggaccaggga
1001 aaacagcctg tactttogac ttctccccct ggacaaaaga tctctgtagag aagaggaagg tggccgtcac catgtcact gtcagaggaa tcatcaggtt
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1301 agaacatgac tccaggcatt gtaactgctt tgaanaatcac aagcccctg gctttcttca acagctgct caatccaatg ctttatgtct ttagggcca
1401 ggacttcaga gaaagactaa tccactcttt acctgccagc ctgagagagac cctgactga ggactcagct cagaccagt atacaggcac caatttgggg
1501 accaactota cttcccttct tgaanaactc ttaaatgcaa tgaaggcgc gccagtatac tctagactcg acaccgggg aattcctcga gcctcgtct
1601 ctagcttggc gtaatcatgg tcatagctgt ttctgtgtg aaattggtat ccgctcaca ttccacacaa catacgagcc ggaagcataa agtgtaaagc
1701 ctgggggtgcc taatgagtga gctaaactcac attaattgcg ttgcgctcac tgcccgttt ccagtcggga aacctgtcgt gccagctgca ttaatgaatc
1801 ggccaacgcg cggggagagg cgttttgctg attgggcgtc ctccgcttc ctgctcact gactcgtgc gctcggctgt tccgctcggc cgagcggat
1901 cagctcactc aaaggcggta atacggttat ccacagaatc aggggataac gcaggaaaga acatgtgagc aaaaggccag caaaaggcca ggaaccgtaa
2001 aaaggccgcg ttgctggcgt ttttccatag gctccgcccc cctgacgagc atcacaaaaa tcgacgctca agtcagaggt ggcgaaaacc gacaggacta
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2401 aggtatgtag gcggtgtctac agagttcttg aagtgtggc ctaactacgg ctacactaga aggacagtat ttggtatctg cgtctcgtc aagccagtta
2501 ccttcgaaa aagagttggt agctcttgat ccggcaaaa aaccaccgct ggtagcggg gttttttgt ttgcaagcag cagattacgc gcagaaaaa
2601 aggatctcaa gaagatcctt tgatcttttc tacgggtctc gacgctcagt ggaacgaaaa ctcacgttaa gggattttg tcatgagatt atcaaaaagg
2701 atcttcaact agatcctttt aaattaaaaa tgaagtttta aatcaatcta aagtatatat gagtaaaact ggtctgacag ttaccaatgc ttaatcagtg
2801 aggcaactat ctcagcgatc tgtctatctc gttcatccat agttgcctga ctcccctgt ttagataac tacgatacgg gagggttac catctggccc
2901 cagtgctgca atgataccgc gagaccacg ctcaccgct ccagatttat cagcaataaa ccagccagcc ggaagggccg agcgcagaag tggctctgca
3001 actttatccg cctccatcca gtcattaat tgttgcggg aagctagagt aagtagttcg ccagttaata gtttgcgcaa cgttgttgc attgctacag
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3601 aaaaagggaa taaggcgac accgaaatgt tgaatactca tctcttctct ttttcaatat tattgaagca tttatcaggg ttattgtctc atgagcggat
3701 acatatttga atgtatttga aaaaataaac aatatggggt tactcgcaca ttccccgaa aagtgccacc tgacgtctaa gaaaccatta ttaatcatgac
3801 attaacctat aaaaataggg gtatcacgag gccctttctg c

> RDC0058 Translated Insert Sequence

1 mdtmnsllmn ksavnlnvns gstsqsasy ivldvfyli favtvlvgl gnglviwvag frmkhtvti sylnlaiadf cftstlpfyi asmvmghwp
101 fgwfmckfiy tvidinlfgs vflialiald rcicvlhpw aqnhrtsvla kkviipwic afltllpvii rlttvpsrl ppgktactfd fspwtkdpve
201 krkvavtmtl vrgiirfiig fstpmsivai cyglittkih rgglikssrp lrslsfvaa fflcwcqpfv valistiqvr erlknmtpgi vtalkitspl
301 affnsclnpm lyvfmqgdf erlihsplpas leraltedsa qtsdtgtnlg tnstslsent inam