

Product datasheet for RC206600L1V

OriGene Technologies, Inc.

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FPRL1 (FPR2) (NM_001462) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: FPRL1 (FPR2) (NM_001462) Human Tagged ORF Clone Lentiviral Particle

Symbol: FPRL1

Synonyms: ALXR; FMLP-R-II; FMLPX; FPR2A; FPRH1; FPRH2; FPRL1; HM63; LXA4R

Mammalian Cell

Selection:

None

Vector: pLenti-C-Myc-DDK (PS100064)

 Tag:
 Myc-DDK

 ACCN:
 NM_001462

ORF Size: 1053 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC206600).

Sequence:
OTI Disclaimer:

Domains:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeg: NM 001462.3, NP 001453.1

 RefSeq Size:
 2019 bp

 RefSeq ORF:
 1056 bp

 Locus ID:
 2358

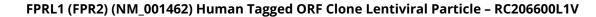
 UniProt ID:
 P25090

 Cytogenetics:
 19q13.41

Protein Families: Druggable Genome, GPCR, Transmembrane

7tm 1







Protein Pathways: Neuroactive ligand-receptor interaction

MW: 39 kDa

Gene Summary: Low affinity receptor for N-formyl-methionyl peptides, which are powerful neutrophil

chemotactic factors (PubMed:1374236). Binding of FMLP to the receptor causes activation of neutrophils (PubMed:1374236). This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system (PubMed:1374236). The activation of

LXA4R could result in an anti-inflammatory outcome counteracting the actions of

proinflammatory signals such as LTB4 (leukotriene B4) (PubMed:9547339). Receptor for the chemokine-like protein FAM19A5, mediating FAM19A5-stimulated macrophage chemotaxis and the inhibitory effect on TNFSF11/RANKL-induced osteoclast differentiation (By similarity).

[UniProtKB/Swiss-Prot Function]