

## Product datasheet for RC211322L4V

## OriGene Technologies, Inc.

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## PF4 (NM\_002619) Human Tagged ORF Clone Lentiviral Particle

## **Product data:**

Product Type: Lentiviral Particles

**Product Name:** PF4 (NM\_002619) Human Tagged ORF Clone Lentiviral Particle

Symbol: PF4

Synonyms: CXCL4; PF-4; SCYB4

Mammalian Cell

Selection:

Puromycin

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_002619

ORF Size: 303 bp

**ORF Nucleotide** 

The ODE

Sequence:
OTI Disclaimer:

The ORF insert of this clone is exactly the same as(RC211322).

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 002619.1

 RefSeq Size:
 878 bp

 RefSeq ORF:
 306 bp

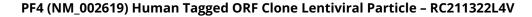
 Locus ID:
 5196

 UniProt ID:
 P02776

 Cytogenetics:
 4q13.3

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

**Protein Pathways:** Chemokine signaling pathway, Cytokine-cytokine receptor interaction



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**MW:** 10.8 kDa

**Gene Summary:** This gene encodes a member of the CXC chemokine family. This chemokine is released from

the alpha granules of activated platelets in the form of a homotetramer which has high affinity for heparin and is involved in platelet aggregation. This protein is chemotactic for numerous other cell type and also functions as an inhibitor of hematopoiesis, angiogenesis and T-cell function. The protein also exhibits antimicrobial activity against Plasmodium

falciparum. [provided by RefSeq, Oct 2014]