

## Product datasheet for RC210245L4V

## OriGene Technologies, Inc.

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## Macrophage Inflammatory Protein 4 (CCL18) (NM\_002988) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: Macrophage Inflammatory Protein 4 (CCL18) (NM\_002988) Human Tagged ORF Clone

Lentiviral Particle

Symbol: Macrophage Inflammatory Protein 4

Synonyms: AMAC-1; AMAC1; CKb7; DC-CK1; DCCK1; MIP-4; PARC; SCYA18

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

**ACCN:** NM\_002988

ORF Size: 267 bp

**ORF Nucleotide** 

The O

Sequence:

The ORF insert of this clone is exactly the same as(RC210245).

OTI Disclaimer: 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.

**RefSeq:** NM 002988.2

 RefSeq Size:
 798 bp

 RefSeq ORF:
 270 bp

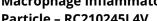
 Locus ID:
 6362

 UniProt ID:
 P55774

 Cytogenetics:
 17q12

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







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

MW: 9.8 kDa

This antimicrobial gene is one of several Cys-Cys (CC) cytokine genes clustered on the q arm **Gene Summary:** 

> of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for naive T cells,

CD4+ and CD8+ T cells and nonactivated lymphocytes, but not for monocytes or granulocytes. This chemokine attracts naive T lymphocytes toward dendritic cells and

activated macrophages in lymph nodes. It may play a role in both humoral and cell-mediated

immunity responses. [provided by RefSeq, Sep 2014]