

Product datasheet for RC210245L3V

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

Macrophage Inflammatory Protein 4 (CCL18) (NM_002988) Human Tagged ORF Clone **Product Name:**

Lentiviral Particle

Symbol: Macrophage Inflammatory Protein 4

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

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Myc-DDK Tag: ACCN: NM 002988

ORF Size: 267 bp

ORF Nucleotide

OTI Disclaimer:

Sequence:

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

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

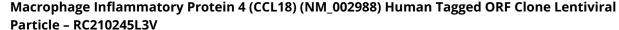
varies depending on the nature of the gene.

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







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

MW: 9.8 kDa

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

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]