

## Product datasheet for **RC210245L4V**

### 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 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. <a href="#">More info</a>
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:	<a href="#">NM_002988.2</a>
RefSeq Size:	798 bp
RefSeq ORF:	270 bp
Locus ID:	6362
UniProt ID:	<a href="#">P55774</a>
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

**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]