

Product datasheet for **RC206523L4V**

Macrophage Inflammatory Protein 3 beta (CCL19) (NM_006274) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Macrophage Inflammatory Protein 3 beta (CCL19) (NM_006274) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Macrophage Inflammatory Protein 3 beta
Synonyms:	CKb11; ELC; MIP-3b; MIP3B; SCYA19
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006274
ORF Size:	294 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206523).
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_006274.2
RefSeq Size:	684 bp
RefSeq ORF:	297 bp
Locus ID:	6363
UniProt ID:	Q99731
Cytogenetics:	9p13.3
Protein Families:	Druggable Genome, Secreted Protein



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

MW: 11 kDa

Gene Summary: This antimicrobial gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. 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 may play a role in normal lymphocyte recirculation and homing. It also plays an important role in trafficking of T cells in thymus, and in T cell and B cell migration to secondary lymphoid organs. It specifically binds to chemokine receptor CCR7. [provided by RefSeq, Sep 2014]