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# Product datasheet for RC206523L1V

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

### Product data:

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|---|---|
| **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:** | None |
| **Vector:** | pLenti-C-Myc-DDK (PS100064) |
| **Tag:** | Myc-DDK |
| **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] |