

# Recombinant Human CCL19 Protein, Mature chain, Tag Free, Biotinylated

**Cat. No.** CCL19-184H    **Lot. No.** (See product label)

## SPECIFICATION

|                          |  |
|--------------------------|--|
| <b>Product Overview</b>  | Recombinant human MIP-3 beta (CCL19) protein was developed from E. coli.   |
| <b>Species</b>           | Human  |
| <b>Source</b>            | E.coli   |
| <b>ProteinLength</b>     | Mature chain   |
| <b>Description</b>       | 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. |
| <b>Conjugation/Label</b> | Biotin   |
| <b>Form</b>              | Lyophilised  |
| <b>Endotoxin</b>         | Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).   |
| <b>Applications</b>      | ELISA, WB  |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |   |
|-------------------------|---|
| <b>Notes</b>            | FOR RESEARCH USE ONLY (RUO).  |
| <b>Storage</b>          | The lyophilized protein is stable for at least 1 year from date of receipt at -20 centigrade. Upon reconstitution, this cytokine can be stored in working aliquots at -20 centigrade for six months, with a carrier protein without detectable loss   |
| <b>Storage Buffer</b>   | Lyophilised from 0.2 µm filtered PB, 100mM NaCl solution pH 7.5.  |
| <b>Reconstitution</b>   | Upon receipt a quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.   |
| <b>Conjugation</b>      | Biotin  |
| <b>GENE INFORMATION</b> |   |
| <b>Gene Name</b>        | CCL19 chemokine (C-C motif) ligand 19 [ Homo sapiens (human) ]  |
| <b>Official Symbol</b>  | CCL19   |
| <b>Synonyms</b>         | CCL19; chemokine (C-C motif) ligand 19; SCYA19, small inducible cytokine subfamily A (Cys Cys), member 19; C-C motif chemokine 19; beta chemokine exodus 3; CC chemokine ligand 19; CK beta 11; CKb11; EBI1 ligand chemokine; ELC; exodus 3; macrophage inflammatory protein 3 beta; MIP 3b; exodus-3; CK beta-11; MIP-3-beta; EBI1-ligand chemokine; beta chemokine exodus-3; beta-chemokine exodus-3; small-inducible cytokine A19; macrophage inflammatory protein 3-beta; epstein-Barr virus-induced molecule 1 ligand chemokine; small inducible cytokine subfamily A (Cys-Cys), member 19; MIP3B; MIP-3b; SCYA19; MGC34433; |
| <b>Gene ID</b>          | 6363  |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



|                |           |
|----------------|-----------|
| mRNA Refseq    | NM_006274 |
| Protein Refseq | NP_006265 |
| MIM            | 602227    |
| UniProt ID     | Q99731    |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA