

## Recombinant Human CCL18 Protein, Biotin-tagged

**Cat. No.** CCL18-59H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CCL18 Protein, fused to Biotin-tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | 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. |
| <b>AA Sequence</b>      | QVGTNKELCC LVYTSWQIPQ KFIVDYSETS PQCPKPGVIL LTKRGRQICA<br>DPNKKWVQKY ISDLKLNA + Linker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>tmpcolum67</b>       | C-C motif chemokine ligand 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Conjugation</b>      | Biotin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

### GENE INFORMATION

|                  |                                                              |
|------------------|--------------------------------------------------------------|
| <b>Gene Name</b> | CCL18 C-C motif chemokine ligand 18 [ Homo sapiens (human) ] |
|------------------|--------------------------------------------------------------|

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|                        |                                                         |
|------------------------|---------------------------------------------------------|
| <b>Official Symbol</b> | <a href="#">CCL18</a>                                   |
| <b>Synonyms</b>        | CKb7; PARC; AMAC1; DCCK1; MIP-4; AMAC-1; DC-CK1; SCYA18 |
| <b>Gene ID</b>         | <a href="#">6362</a>                                    |
| <b>mRNA Refseq</b>     | <a href="#">NM_002988</a>                               |
| <b>Protein Refseq</b>  | <a href="#">NP_002979</a>                               |
| <b>MIM</b>             | <a href="#">603757</a>                                  |
| <b>UniProt ID</b>      | <a href="#">P55774</a>                                  |
|                        |                                                         |

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