

Datasheet for ABIN7566045  
**CCL4 Protein (AA 24-92) (Fc Tag)**



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## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 50 µg                                      |
| Target:                       | CCL4                                       |
| Protein Characteristics:      | AA 24-92                                   |
| Origin:                       | Human                                      |
| Source:                       | CHO Cells                                  |
| Protein Type:                 | Recombinant                                |
| Purification tag / Conjugate: | This CCL4 protein is labelled with Fc Tag. |

## Product Details

|                   |  |
|-------------------|--|
| Purpose:          | CCL4 (human):Fc (human) (rec.)   |
| Cross-Reactivity: | Human  |
| Characteristics:  | The extracellular domain of human CCL4 (aa 24-92) is fused to the N-terminus of the Fc region of human IgG1. |
| Purity:           | >98 % (SDS-PAGE)   |
| Sterility:        | Sterile filtered   |
| Endotoxin Level:  | <0.06EU/µg protein (LAL test, Lonza).  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | CCL4                                   |
| Alternative Name: | CCL4 ( <a href="#">CCL4 Products</a> ) |

## Target Details

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**Background:** C-C Motif Chemokine 4, Lymphocyte Activation Gene 1 Protein, LAG-1, Macrophage Inflammatory Protein 1beta, MIP-1beta, T Cell Activation Protein 2, ACT-2, Small-inducible Cytokine A4, PAT 744, Protein H400

CCL4, (C-C motif chemokine 4, macrophage inflammatory protein 1beta) is a chemokine secreted at sites of inflammation by activated leukocytes, lymphocytes, vascular endothelial cells and pulmonary smooth cells. CCL4 attracts a variety of immune cells to sites of microbial infection as well as to pathologic inflammation, such as allergic asthma and ischemic myocardium. Full-length and truncated CCL4 exert biological activity through the receptor CCR5. The truncated form of CCL4 interacts additionally with CCR1 and CCR2b. The ability of CCL4 to bind CCR5 inhibits the cellular entry of M-tropic HIV. Both CCL4 forms block HIV-1 infection of T cells by inducing the downregulation of CCR5.

## Application Details

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**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

**Buffer:** Lyophilized from 0.2µm-filtered solution in PBS.

**Handling Advice:** Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution.

**Storage:** 4 °C, -20 °C

**Storage Comment:** Short Term Storage: +4°C

Long Term Storage: -20°C

Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.