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Datasheet for ABIN7278682

**CCL4 Protein (AA 24-92) (Fc Tag)**

## 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.)
Specificity:	The extracellular domain of human CCL4 (aa 24-92) is fused to the N-terminus of the Fc region of human IgG1.
Characteristics:	<p>Protein. The extracellular domain of human CCL4 (aa 24-92) is fused to the N-terminus of the Fc region of human IgG1. Source: CHO cells. Endotoxin content: &lt;0.06EU/µg protein (LAL test, Lonza). Lyophilized from 0.2µm-filtered solution in PBS. Purity: &gt;98 % (SDS-PAGE). 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</p>

## Product Details

downregulation of CCR5.

Purity: >98 % (SDS-PAGE)

Endotoxin Level: <0.06EU/μg protein (LAL test, Lonza).

## Target Details

Target: CCL4

Alternative Name: CCL4 ([CCL4 Products](#))

Background: Alternate Names/Synonyms: 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

Product Description: 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

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: Lot specific

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

Handling Advice: Avoid freeze/thaw cycles.

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.