

## **Recombinant Human MIP-4 (CCL18)**

Catalog # PBG10318

# Specification

## Recombinant Human MIP-4 (CCL18) - Product Information

### Recombinant Human MIP-4 (CCL18) - Additional Information

## **Description**

MIP-4 is a CC chemokine that is expressed in lymph nodes, lungs, placenta and bone marrow. MIP-4's primary receptor is unknown. MIP-4 chemoattracts lymphocytes, and has been shown to exert activity on both CD4+ and CD8+ T cells. Recombinant human MIP-4 is a 7.8 kDa protein containing 68 amino acid residues, including the four highly conserved cysteine residues present in CC chemokines.

### **Biological**Activity

<strong>Assay #1: </strong>Determined by its ability to chemoattract human T lymphocytes
using a concentration of 1.0-10.0 ng/ml.<br/>
by its ability to chemoattract human iDCs using a concentration of 1.0-10.0 ng/ml.

### **Authenticity**

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

#### **Endotoxin**

Endotoxin level is  $<0.1 \text{ ng}/\mu\text{g}$  of protein ( $<1\text{EU}/\mu\text{g}$ ).

#### **Protein Content**

Verified by UV Spectroscopy and/or SDS-PAGE gel.

#### Storage

-20°C

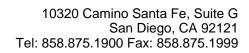
### **Precautions**

Recombinant Human MIP-4 (CCL18) is for research use only and not for use in diagnostic or therapeutic procedures.

# Recombinant Human MIP-4 (CCL18) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture





Recombinant Human MIP-4 (CCL18) - Images