

**Recombinant Human MIP-4 (CCL18)**  
**Catalog # PBG10318****Specification**

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**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**

**Assay #1:** Determined by its ability to chemoattract human T lymphocytes using a concentration of 1.0-10.0 ng/ml.  
**Assay #2:** Determined 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 ng/ µg of protein (<1EU/ µg).

**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 Cytometry](#)
- [Cell Culture](#)

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