

**Recombinant Murine MIP-3 $\beta$  (CCL19)**  
**Catalog # PBG10317****Specification**

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**Recombinant Murine MIP-3 $\beta$  (CCL19) - Product Information****Recombinant Murine MIP-3 $\beta$  (CCL19) - Additional Information****Description**

MIP-3 $\beta$  is a CC chemokine that is expressed in the thymus, lymph nodes and in activated bone marrow stromal cells and signals through the CCR7 receptor. MIP-3 $\beta$  is a chemoattractant for T and B lymphocytes and myeloid progenitor cells. Human MIP-3 $\beta$  is active on murine cells. Recombinant murine MIP-3 $\beta$  is a 9.2 kDa protein containing 83 amino acid residues, including the four highly conserved cysteine residues present in CC chemokines.

**Biological Activity**

Determined by its ability to chemoattract human mature dendritic cells using a concentration range of 10.0-100.0 ng/ml.

**Authenticity**

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

**Endotoxin**

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

**Protein Content**

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

**Storage**

-20°C

**Precautions**

Recombinant Murine MIP-3 $\beta$  (CCL19) is for research use only and not for use in diagnostic or therapeutic procedures.

**Recombinant Murine MIP-3 $\beta$  (CCL19) - 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 Murine MIP-3 $\beta$  (CCL19) - Images**

