

**Recombinant Murine MDC (CCL22)**  
**Catalog # PBG10294****Specification**

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**Recombinant Murine MDC (CCL22) - Product Information****Recombinant Murine MDC (CCL22) - Additional Information****Description**

MDC is a CC chemokine that is produced in B cells, macrophages, monocyte-derived dendritic cells, activated NK cells and CD4 T cells. It signals through the CCR4 receptor. MDC chemoattracts monocytes, dendritic cells and NK cells and exerts HIV suppressive activity. The 67 amino acid form of MDC displays reduced chemoattractant activity but retains HIV suppressive activity. Recombinant murine MDC is a 7.8 kDa protein containing 68 amino acid residues including the four highly conserved cysteine residues present in the CC chemokines.

**Biological Activity**

Determined by its ability to chemoattract human activated lymphocytes using a concentration 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/ µg of protein (<1EU/ µg).

**Protein Content**

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

**Storage**

-20°C

**Precautions**

Recombinant Murine MDC (CCL22) is for research use only and not for use in diagnostic or therapeutic procedures.

**Recombinant Murine MDC (CCL22) - 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 MDC (CCL22) - Images**