

Recombinant Human MDC (69 a.a.) (CCL22)
Catalog # PBG10293**Specification**

Recombinant Human MDC (69 a.a.) (CCL22) - Product Information**Recombinant Human MDC (69 a.a.) (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 human MDC is an 8.1 kDa protein containing 69 amino acid residues including the four highly conserved cysteine residues present in the CC chemokines.

Biological Activity

Determined by its ability to chemoattract human T 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/ µg of protein (<1EU/ µg).

Protein Content

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

Storage

-20°C

Precautions

Recombinant Human MDC (69 a.a.) (CCL22) is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human MDC (69 a.a.) (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 Human MDC (69 a.a.) (CCL22) - Images