

**Recombinant Human MCP-4 (CCL13)**  
**Catalog # PBG10287****Specification**

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**Recombinant Human MCP-4 (CCL13) - Product Information****Recombinant Human MCP-4 (CCL13) - Additional Information****Description**

The MCP proteins belong to the CC chemokine family, and signal through CCR2 and, with the exception of MCP-1, other CCR receptors. The MCP proteins chemoattract and activate monocytes, activated T cells, basophils, NK cells, and immature dendritic cells. The MCP family cross- reacts across species. Recombinant murine MCP-2 is an 8.6 kDa protein containing 75 amino acid residues including the four highly conserved cysteine residues present in the CC chemokines.

**Biological Activity**

Determined by its ability to chemoattract human monocytes 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 Human MCP-4 (CCL13) is for research use only and not for use in diagnostic or therapeutic procedures.

**Recombinant Human MCP-4 (CCL13) - 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 MCP-4 (CCL13) - Images**

