

MCP-4, human recombinant protein
Monocyte Chemotactic Protein-4, CCL13, NCC-1
Catalog # PBV10185r**Specification**

MCP-4, human recombinant protein - Product info

Primary Accession [O99616](#)
Calculated MW **8.6 kDa** **KDa**

MCP-4, human recombinant protein - Additional Info

Gene ID **6357**
Gene Symbol **MCP4**
Other Names
Monocyte Chemotactic Protein-4, CCL13, NCC-1, Small-inducible cytokine A13

Gene Source **Human**
Source **E. coli**
Assay&Purity **SDS-PAGE; ≥95%**
Assay2&Purity2 **HPLC; ≥95%**
Recombinant **Yes**
Results **10-100 ng/ml.**
Target/Specificity
MCP-4

Application Notes

Reconstitute in H₂O to a concentration of not less than 0.1 mg/ml. This solution can be diluted into other buffered solutions or stored at -20°C for future use.

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and then lyophilized from a concentrated (1mg/ml) sterile solution containing 20 mM phosphate buffer, pH 7.4 and 130 mM NaCl.

MCP-4, human recombinant protein - 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](#)

MCP-4, human recombinant protein - Images**MCP-4, human recombinant protein - Background**

Human macrophage/monocyte chemotactic protein-4 (MCP-4) is a member of the β chemokine family (C-C) of cytokines. Like eotaxin, MCP-4 is a powerful eosinophil chemoattractant. Additionally, like MCP-3, MCP-4 elicits chemoattraction of monocytes and T lymphocytes. MCP-4 is a peptide of 8.6 kDa that consists of 75 amino acid residues.

MCP-4, human recombinant protein - References

Power C.A., et al. Eur. Cytokine Netw. 7:513-513(1996).
Garcia-Zepeda E.A., et al. J. Immunol. 157:5613-5626(1996).
Uguccioni M., et al. J. Exp. Med. 183:2379-2384(1996).
Berkhout T.A., et al. J. Biol. Chem. 272:16404-16413(1997).
Godiska R., et al. J. Leukoc. Biol. 61:353-360(1997).