10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

Specification

MCP-4, human recombinant protein - Product info

Primary Accession	Q99616
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 H_2O 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 Cytomety
- Cell Culture

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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).