

Recombinant Human MCP-1

CATALOG #: 4222-20 20 µg
4222-100 100 µg
4222-1000 1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: >98% by SDS-PAGE and HPLC analyses
Endotoxin level is <0.1 ng per µg of MCAF.

MOL. WEIGHT: 8.6 kDa

FORM: Sterile filtered and then lyophilized with no additives

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or – 20°C for future use.

STORAGE CONDITIONS:

The lyophilized MCP-1 is best-stored desiccated below 0°C. Reconstituted human MCP-1 should be stored in working aliquots at -20°C.

DESCRIPTION:

Human macrophage/monocyte chemotactic and activating factor (MCAF), also called human monocyte chemotactic protein-1 (MCP-1), is a 8.6 kDa protein containing 76 amino acid residues. It plays an important role in the inflammatory response of blood monocytes and tissue macrophages.

BIOLOGICAL ACTIVITY:

The protein is biologically active as determined by its ability to chemoattract human monocytes using a concentration range of 10-100 ng/ml.

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- Apoptosis siRNA Vectors

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