

## Recombinant Rat MCP-1

**CATALOG #:** 4224-10 10 µg  
4224-1000 1 mg

**LOT #:** \_\_\_\_\_

**SOURCE:** *E. coli*

**PURITY:** >98% by SDS-PAGE and HPLC analyses  
Endotoxin level is <0.1 ng per µg of MCP-1.

**MOL. WEIGHT:** 14.0 kDa

### FORM:

Sterile filtered and then lyophilized with no additives. The protein may appear as a haze or film which is difficult to see at the bottom of the vial.

### RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other buffered solutions 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 rat MCP-1 should be stored in working aliquots at -20°C.

### DESCRIPTION:

Macrophage/monocyte chemoattractant protein-1 (MCP-1) plays an important role in the inflammatory response of blood monocytes and tissue macrophages. Recombinant rat MCP-1 is a 14.0 kDa protein containing 125 amino acid residues.

### BIOLOGICAL ACTIVITY:

Determined by its ability to chemoattract human monocytes using a concentration range of 10-100 ng/ml.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

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