

Recombinant Rat MCP-1

CATALOG #:	4224-10	10 µg
	4224-1000	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
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.

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