

## Recombinant Murine JE (MCP-1)

<b>CATALOG #:</b>	4207-10	10 µg
	4207-1000	1 mg
<b>LOT #:</b>	<hr/>	
<b>SOURCE:</b>	<i>E. coli</i>	
<b>PURITY:</b>	>98% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg of JE.	
<b>MOL. WEIGHT:</b>	13.8 kDa	
<b>FORM:</b>	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 or stored at 4°C for 1 week or – 20°C for future use.

### STORAGE CONDITIONS:

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

### DESCRIPTION:

Murine JE (also known as Macrophage/Monocyte Chemotactic Protein) is a 13.8 kDa protein containing 125 amino acid residues. It plays an important role in the inflammatory response of blood monocytes and tissue microphages.

### BIOLOGICAL ACTIVITY:

Determined by measuring the dose dependent chemotaxis with human THP-1 cells. The ED<sub>50</sub> is in the range of 1-10 ng/ml.

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

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- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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