

Recombinant Murine MCP-2

CATALOG #:	4226-10 4226-1000	10 µg 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-2.	
MOL. WEIGHT:	8.5 kDa	
FORM:	Sterile filtered and then lyophilized with no additives	
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 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 MCP-2 is best-stored desiccated below 0°C. Reconstituted MCP-2 should be stored in working aliquots at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.	
DESCRIPTION:	Macrophage/monocyte chemotactic protein-2 (MCP-2) plays an important role in the inflammatory response of blood monocytes, activated T cells, basophils, NK cells, and immature dendritic cells. Recombinant murine MCP-2 is an 8.5 kDa protein containing 74 amino acid residues.	
BIOLOGICAL ACTIVITY:	Determined by its ability to chemoattract human peripheral blood monocytes using a concentration range of 10-100 ng/ml.	

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