

MCP1

Recombinant Rat Monocyte Chemoattractant Protein 1

Catalog No.	CRM003A CRM003B CRM003C	Quantity:	2 µg 10 µg 1 mg
Alternate Names:	CCL2, SCYA2		
Gene ID:	24770		
Description:	Recombinant rat MCP1 is a non-glycosylated polypeptide chain containin 125 amino acids.		
Source:	<i>E. coli</i>		
Molecular Weight:	14.0 kDa		
Formulation:	Lyophilized from a sterile filtered solution without additives		
Purity:	> 95% as determined by SDS-PAGE analysis		
Endotoxin Level:	< 0.1 ng/µg of MCP1		
Biological Activity:	Determined by measuring the dose-dependent chemotaxis with human THP-1 cells. The ED ₅₀ is 1.0-10.0 ng/ml.		
Amino Acid Sequence:	The sequence of the first five N-terminal amino acids is Gln-Pro-Asp-Ala-Val.		
Reconstitution:	Centrifuge vial prior to opening. First add sterile distilled water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Storage & Stability:	Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein (0.1% HSA or BSA) as a stabilizer. Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.		

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