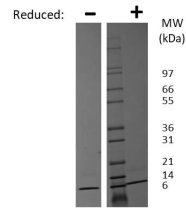


Ccl8

Recombinant Mouse CCL8 / MCP-2

Catalog No.	CRM007A CRM007B CRM007C	Quantity:	5 µg 20 µg 1 mg
Alternate Names:	C-C motif chemokine 8, Monocyte Chemotactic Protein 2, SCYA8		
Description:	<p>Monocyte chemotactic protein 2 (MCP-2), also known as CCL8, is a cytokine that is important during allergic and inflammatory responses. MCP-2 activates mast cells, eosinophils, and basophils through the G protein-coupled chemokine receptors CCR1, CCR2B, and CCR5.</p> <p>MCP-2 and MCP-3 are two recently identified monocyte chemotactic proteins produced by human MG-63 osteosarcoma cells. Both MCP-2 and MCP-3 are members of the C-C family of chemokines and share 62% and 71% amino acid sequence identity, respectively, with MCP-1. MCP-3 also shares 58% amino acid identity with MCP-2.</p>		
UniProt ID:	Q9Z121		
Gene ID:	20307		
Source:	<i>E. coli</i>		
Molecular Weight:	8.5 kDa (74 aa)		
Formulation:	Lyophilized from a sterile-filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)		
Purity:	≥ 95.0% by reducing and non-reducing SDS-PAGE		
Endotoxin Level:	≤ 1EU/µg, as determined by kinetic LAL analysis.		
Biological Activity:	No activity data at this time.		
Amino Acid Sequence:	GPKKAPVTCC FHVLLKLIPL RVLKSYERIN NIIQCPMEAVV FQTKQGMSLC VDPTQKWWSE YMEILDQKSQ ILQP		
Reconstitution:	<p>Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial.</p> <p>DO NOT VORTEX. Allow several minutes for complete reconstitution.</p>		
Storage & Stability:	<p>Store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -20°C to -80°C. It is recommended that a carrier protein such as 0.1% HSA or BSA is added for long term storage.</p> <p>Avoid repeated freeze-thaw cycles.</p>		





Mouse MCP-2 / CCL8 Gel

Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Mouse MCP-2 / CCL8 is predicted to have a MW of 8.5 kDa.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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