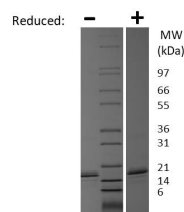


## Ccl2

### Recombinant Rat MCP-1 / CCL2

<b>Catalog No.</b>	CRR308A CRR308B CRR308C	<b>Quantity:</b>	2 µg 100 µg 1 mg
<b>Alternate Names:</b>	Monocyte chemotactic protein 1, C-C motif chemokine 2, CCL2, Small inducible cytokine A2, JE, MCAF		
<b>Description:</b>	MCP-1, also known as CCL2, is produced by injured or infected tissues. MCP-1 signals through the CCR2 and CCR4 G protein-coupled receptors to recruit memory T cells, monocytes, and dendritic cells to sites of inflammation.		
<b>Gene ID:</b>	24770		
<b>UniProt ID:</b>	P14844		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	Monomer, 14.1 kDa (125 aa)		
<b>Formulation:</b>	Lyophilized from a sterile-filtered solution containing 0.1% Trifluoroacetic Acid (TFA)		
<b>Purity:</b>	≥95% by reducing and non-reducing SDS-PAGE		
<b>Endotoxin Level:</b>	≤1 EU/µg by kinetic LAL analysis		
<b>Biological Activity:</b>	This product demonstrates activity in a THP-1 chemotaxis assay starting at 10 ng/ml.		
<b>Amino Acid Sequence:</b>	QPDVAVNAPLT CCYSFTGKMI PMSRLENYKR ITSSRCPKKA VVFVTKLKRE ICADPNKEWV QKYIRKLDQN QVRSETTVFY KIASLRTSA PLNVNLTHKS EANASTLFST TTSSTSVEVT SMTEN		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to reconstitute to a recommended concentration of 0.1 mg/mL and gently pipet solution up and down sides of vial. <b>DO NOT VORTEX.</b> Allow several minutes for reconstitution. A small amount of precipitate may be seen.		
<b>Storage &amp; Stability:</b>	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. <b>Avoid repeated freeze-thaw cycles.</b>		



**Rat MCP-1 / CCL2 Gel**

Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Rat MCP-1 / CCL2 is predicted to have a MW of 14.1 kDa.

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