

# Recombinant Cynomolgus Monkey CCL2 Protein

**Cat. No.** CCL2-01C    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Cynomolgus Monkey CCL2 (MCP-1) was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
<b>Species</b>	Cynomolgus
<b>Source</b>	Yeast
<b>Description</b>	Chemokine (C-C motif) ligand 2 (CCL2), also known as monocyte chemotactic protein-1 (MCP-1), is a small cytokine belonging to the CC chemokine family. There are at least 27 distinct members of the C-C subgroup reported for mammals. They are characterized by two adjacent cysteines. CCL2 (MCP-1) recruits monocytes, memory T cells, and dendritic cells to sites of tissue injury and infection. CCL2 (MCP-1) is implicated in pathogenesises of several diseases characterized by monocytic infiltrates, such as psoriasis, rheumatoid arthritis and atherosclerosis.
<b>Form</b>	Lyophilized without carrier protein.
<b>Molecular Mass</b>	8.7 kDa
<b>AA Sequence</b>	QPDAINAPVTCCYNFTNRKISVQRLASYRRITSSKCPKEAVIFKTIVAKEICADPKQKW VQDSMDHLDKQIQTPKP
<b>Unit Definition</b>	>95% as visualized by SDS-PAGE analysis.
<b>Applications</b>	The Cynomolgus Monkey CCL2 (MCP-1) endotoxin-free recombinant protein can be

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

used in cell culture, as an ELISA Standard, and as a Western Blot Control.

**Storage**

Stable for up to twelve months from date of receipt at -20 centigrade. Stable for at least 3 months when stored in working aliquots with a carrier protein at -20 centigrade. Avoid repeated freeze/thaw cycles.

**Reconstitution**

Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.

## GENE INFORMATION

**Gene Name**

CCL2 C-C motif chemokine ligand 2 [ *Macaca fascicularis* (crab-eating macaque) ]

**Official Symbol**

CCL2

**Synonyms**

CCL2; C-C motif chemokine ligand 2; MCP1; MCP-1; SCYA2; C-C motif chemokine 2; Monocyte chemoattractant protein 1; Monocyte chemotactic protein 1; Small-inducible cytokine A2; monocyte chemoattractant protein-1

**Gene ID**

102135739

**mRNA Refseq**

NM\_001284872

**Protein Refseq**

NP\_001271801

**MIM**

P61274

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA