

Recombinant Canine CCL2 Protein, His tagged

Cat. No. CCL2-08C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine CCL2 Protein, Sourced from E.coli, Gln24-Pro101, with N-terminal His Tag.
Species	Canine
Source	E.coli
ProteinLength	24-101 aa
Description	Monocyte Chemoattractant Protein-1 (MCP-1), also known as Chemokine (CC-motif) ligand 2 (CCL2), is a key player in inflammation and induces the recruitment and activation of monocytes and macrophages. It also attracts other immune cells including T cells, NK cells, and basophils. MCP-1 has been linked to the progression of several diseases including cancer, kidney damage, and Alzheimer's disease.
Form	Lyophilized from 1× PBS with Trehalose
Molecular Mass	10.8 kDa
Purity	>90% by SDS-PAGE
Applications	ELISA and Western Blot Analysis
Storage	2 years at -20 to -80 centigrade as supplied. Upon reconstitution: 2 years at -80 centigrade; 2 years at -20 centigrade For long-term storage, store for up to 2 years at

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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-20 & -80 centigrade after reconstitution. Expiration is 2 years from date of receipt.

Shipping Ambient

Reconstitution Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% protein.

GENE INFORMATION

Gene Name CCL2 C-C motif chemokine ligand 2 [*Canis lupus familiaris* (dog)]

Official Symbol CCL2

Synonyms CCL2; C-C motif chemokine ligand 2; C-C motif chemokine 2; MCP-1; chemokine (C-C motif) ligand 2; monocyte chemoattractant protein-1; monocyte chemotactic protein 1; small-inducible cytokine A2

Gene ID 403981

mRNA Refseq NM_001003297

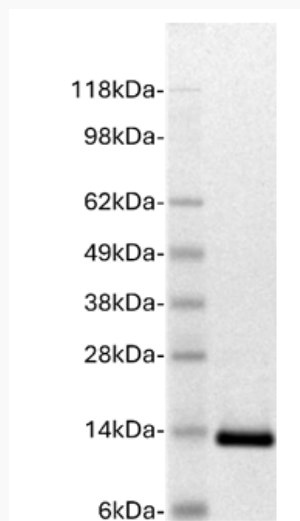
Protein Refseq NP_001003297

UniProt ID P52203

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SDS-PAGE

Canine MCP-1 (2 μ g) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.

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