# Recombinant Canine CCL2 Protein, His tagged

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

## SPECIFICATION

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| **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 |

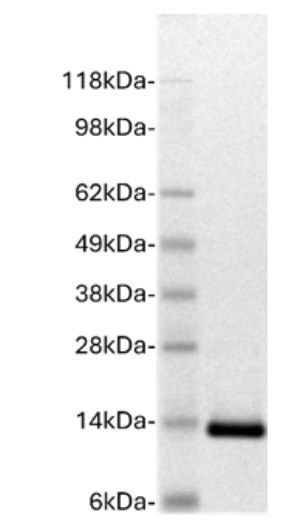
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|---|---|
| | -20 & -80 centigrade after reconstitution. Expiration is 2 years from date of receipt. |
| **Shipping** | Ambient |
| **Reconstitution** | Reconstitute at 10 μg/mL in sterile PBS containing at least 0.1% protein. |

## GENE INFORMATION

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| **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** | <br>Canine MCP-1 (2μg) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions. |

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