

Recombinant Mouse Ccl2 Protein, Myc/DDK-tagged

Cat. No. Ccl2-2031M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length chemokine (C-C motif) ligand 2 (Ccl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene is one of several cytokine genes clustered on chromosome 11. Chemokines are a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of N-terminal cysteine residues of the mature peptide. This chemokine is a member of the CC subfamily which is characterized by two adjacent cysteine residues. This cytokine displays chemotactic activity for monocytes and memory T cells but not for neutrophils. The human ortholog has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, such as psoriasis, rheumatoid arthritis, and atherosclerosis.
Molecular Mass	16.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Ccl2 chemokine (C-C motif) ligand 2 [*Mus musculus* (house mouse)]

Official Symbol Ccl2

Synonyms Ccl2; chemokine (C-C motif) ligand 2; JE; MCA; MCP; Scy; Sig; HC11; MCAF; MCP-; MCP1; MCP-1; SMC-C; Scya2; Sigje; SMC-CF; AI323594; C-C motif chemokine 2; monocyte chemoattractant protein 1; monocyte chemotactic protein 1; platelet-derived growth factor-inducible protein JE; small-inducible cytokine A2

Gene ID 20296

mRNA Refseq NM_011333

Protein Refseq NP_035463

UniProt ID P10148

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