

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	<p>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.</p>
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.

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

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

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

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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