

Active Recombinant Mouse CCL2, MlgG2a Fc-tagged

Cat. No. CCL2-1679M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse CCL2 (NP_035463.1) (Gln24-Asn148) is fused to the N-terminus of the Fc portion of mouse IgG2a was expressed in CHO cell.
Species	Mouse
Source	CHO
ProteinLength	24-148 a.a.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with human CCR2A
Molecular Mass	40 kDa
AA Sequence	Gln24-Asn148
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" la="" test.="">
Purity	≥98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.

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Reconstitution Reconstitute at 100µg/ml in sterile PBS.

Warning Avoid freeze/thaw cycles.

GENE INFORMATION

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

Official Symbol CCL2

Synonyms CCL2; chemokine (C-C motif) ligand 2; C-C motif chemokine 2; small inducible cytokine A2; small-inducible cytokine A2; monocyte chemotactic protein 1; monocyte chemoattractant protein 1; monocyte chemoattractant protein-1; platelet-derived growth factor-inducible protein JE; JE; HC11; MCAF; MCP1; MCP-1; Scya2; Sigje; SMC-CF; AI323594;

Gene ID 20296

mRNA Refseq NM_011333

Protein Refseq NP_035463

Pathway Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem;

Function CCR2 chemokine receptor binding; CCR2 chemokine receptor binding; G-protein coupled receptor binding; chemokine activity; cytokine activity; heparin binding; protein binding;

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