Active Recombinant Mouse Ccl2 protein

Cat. No. Ccl2-2569M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ccl2 protein(Gln24-Asn148) was expressed in Pichia.
Species	Mouse
Source	Pichia
ProteinLength	24-148 aa
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Bio-activity	1. Measured by the ability to inhibit the proliferation of HUVEC(Human Umbilical Vein Endothelial Cells).The ED50 for this effect is 0.20-0.80 ng/mL. 2. Measured by its ability to chemoattract THP-1 cells. The ED50 for this effect is typically 2.87-11.48 ng/mL.
Molecular Mass	13.85 kDa
Endotoxin	< 0.1 EU/μg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

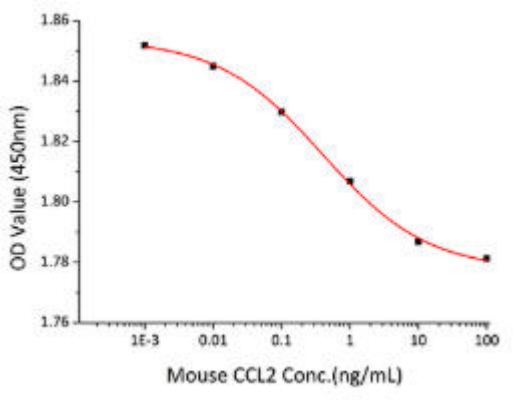
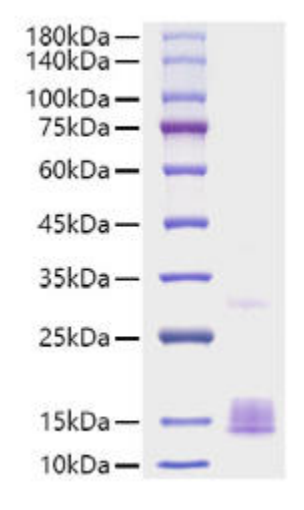
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Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-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

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Activity	
SDS-PAGE	

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