

Recombinant Mouse Ccl2, His-tagged

Cat. No. Ccl2-482M Lot. No. (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the mouse CCL2 (NP_035463.1) (Met1-Asn148) was expressed with a C-terminal polyhistidine tag.
Species	Mouse
Source	Insect Cells
ProteinLength	Met1-Asn148
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant mouse CCL2 comprises 135 amino acids and has a predicted molecular mass of 15.2 kDa. The apparent molecular mass of the protein is approximately 27 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>80 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name	Ccl2 chemokine (C-C motif) ligand 2 [<i>Mus musculus</i>]
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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