

RP01653

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Recombinant Human CCL2/MCP-1 Protein

Catalog No.: RP01653

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	6347	P13500

Tags

C-hFc

Synonyms

HC11; MCAF; MCP1; MCP-1; SCYA2;
GDCF-2; SMC-CF; HSMCR30; CCL2

Product Information

Source	Purification
HEK293 cells	

Endotoxin

<0.1EU/μg

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Monocyte chemoattractant protein-1 (MCP-1) (also referred to as chemokine (C-C motif) ligand 2 (CCL2)) is expressed by mainly inflammatory cells and endothelial cells. MCP-1 has been reported to play an important role in the pathogenesis of atherosclerosis and considerable evidence supports that the monocyte containing MCPs and macrophage influences the growth of other cell types within the atherosclerotic lesion.

Basic Information

Description

Recombinant Human CCL2/MCP-1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu22-Thr99) of human CCL2/MCP-1 (Accession #NP_002973.1) fused with hFc tag at the C-terminus.

Bio-Activity

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.
Avoid repeated freeze/thaw cycles.

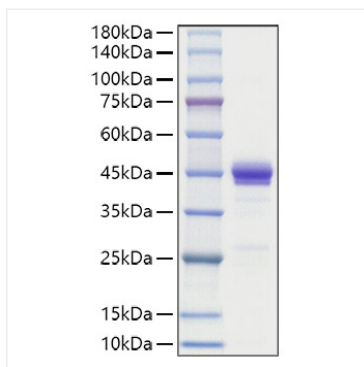
Contact



www.abclonal.com

* For your safety and health, please wear a lab coat and disposable gloves when handling.

Validation Data



Recombinant Human CCL2/MCP-1
Protein was determined by SDS-
PAGE under reducing conditions with
Coomassie Blue.