

RP01607

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Recombinant Mouse CCL2/MCP-1 Protein

Catalog No.: RP01607

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	20296	P10148

Tags

C-His

Synonyms

C-C motif chemokine ligand
2;CCL2;GDCF-2;HC11;HSMCR30;MCAF;
Mcp1;MCP-1;SCYA2;SMC-CF;CCL2

Product Information

Source

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.

Purification

≥ 95 % as determined by SDS-PAGE; ≥ 95 % as determined by HPLC.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

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

Background

Basic Information

Description

Recombinant Mouse CCL2/MCP-1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln 24-Asn148) of mouse CCL2/MCP-1 (Accession #NP_035463.1) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured by its ability to chemoattract THP-1 cells. The ED₅₀ for this effect is typically 6.2-25.0 ng/mL.

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

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

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

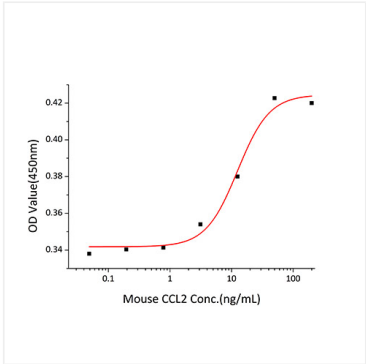
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Contact

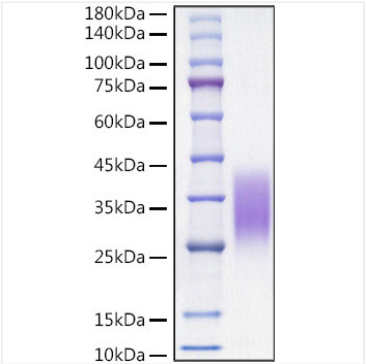


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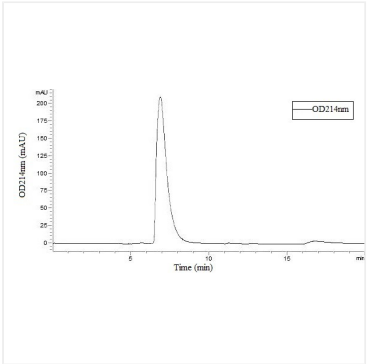
Validation Data



Recombinant Mouse CCL2 chemoattract THP-1 cells. The ED₅₀ for this effect is typically 6.2-25.0 ng/mL.



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



Recombinant Mouse CCL2/MCP-1 Protein is greater than 95% as determined by SEC-HPLC.