Recombinant Mouse CCL2/MCP-1 Protein

Catalog No.: RP01607

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Sequence Information

Species	Gene ID
Mouse	20296

Swiss Prot	Tags
P10148	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	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE;≥ 95 % as determined by HPLC.

Calculated MW	Observed MW
14.69 kDa	25-37 kDa

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 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.

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.

Activity

Measured by its ability to chemoattract THP-1 cells. The ED_{50} 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.

Storage

Store at -20℃

Operational Notes

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

Contact

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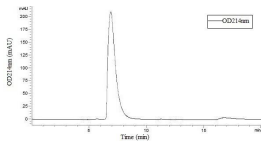
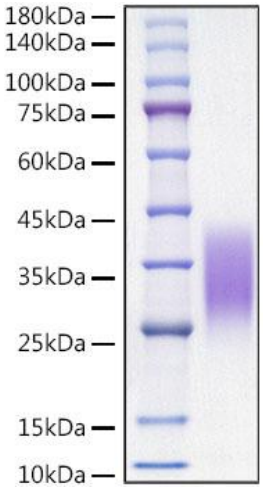
For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

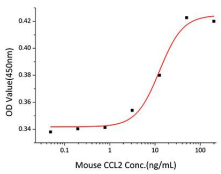
Validation Data



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



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



Recombinant Mouse CCL2 chemoattract THP-1 cells. The ED_{50} for this effect is typically 6.2-25.0 ng/mL.