Recombinant Human CCL8/MCP-2 Protein

Catalog No.: RP01947

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Sequence Information

Species
Human

Gene ID
6355

Swiss Prot
P80075

Tags
No-Tag

Synonyms
CCL8, MCP2, SCYA10, SCYA8,C-C motif chemokine 8, HC14, Monocyte chemoattractant protein 2, Monocyte chemotactic protein 2, MCP-2, Small-inducible cytokine A8, Cleaved into: MCP-2 (6-76)

Product Information

Source
Pichia

Purification
≥ 90% as determined by SDS-PAGE.

Calculated MW
8.91 kDa

Observed MW
10-15 kDa

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

Formulation
Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

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

MCP-2 and MCP-3 are two monocyte chemotactic proteins produced by human MG-63 osteosarcoma cells. Both MCP-2 and MCP-3 are members of the C-C family of chemokines and share 62% and 71% amino acid sequence identity, respectively, with MCP-1. MCP-3 also shares 58% amino acid identity with MCP-2.
Similarly to other C-C chemokines, all three MCP proteins are monocyte chemoattractants. In addition, the three MCPs can chemoattract activated NK cells as well as CD4+ and CD8+ T lymphocytes.

Basic Information

Description
Recombinant Human CCL8/MCP-2 Protein by Pichia expression system. The target protein is expressed with sequence (Gln24-Pro99) of Human CCL8 /MCP-2 (Accession #NP_005614.2) fused with No tag.

Activity

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℃

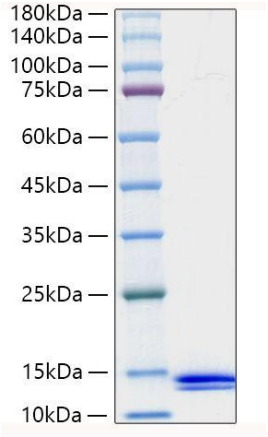
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human CCL8/MCP-2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.