Recombinant Human CCL7/MCP-3 Protein

Catalog No.: RP00063

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Sequence Information

Species
Human

Gene ID
6354

Swiss Prot
P80098

Tags
No tag

Synonyms
CCL7,FIC,MARC,MCP-3,MCP3, NC28,SCYA6,SCYA7

Product Information

Source
E. coli

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
8.96 kDa

Observed MW
13 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of 20mM Tris, 500mM NaCl, pH 8.0.Contact us for customized product form or formulation.

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

This protein is monocyte chemotactic protein 3, a secreted chemokine which attracts macrophages during inflammation and metastasis. It is a member of the C-C subfamily of chemokines which are characterized by having two adjacent cysteine residues. The protein is an in vivo substrate of matrix metalloproteinase 2, an enzyme which degrades components of the extracellular matrix.

Basic Information

Description
Recombinant Human CCL7/MCP-3 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Gln24-Leu99) of human MCP-3/CCL7 (Accession #NP_006264.2).

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℃

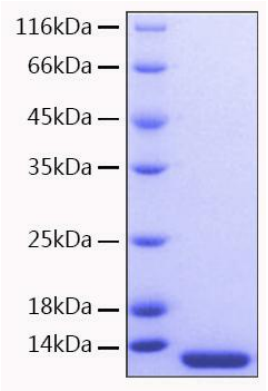
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human CCL7/MCP-3 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.