

# Recombinant Human CCL7/MCP-3 Protein

Catalog No.: RP00063 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	6354	P80098

### Tags

No tag

### Synonyms

CCL7;FIC;MARC;MCP-3;MCP3;NC28;SCYA6;SCYA7

## Product Information

Source	Purification
<i>E. coli</i>	> 95% by SDS-PAGE.

Calculated MW	Observed MW
8.96 kDa	13 kDa

### Endotoxin

< 1.0 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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

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## 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).

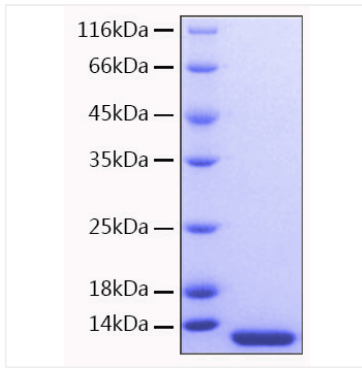
### Bio-Activity

#### 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.

## Validation Data

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Recombinant Human CCL7/MCP-3 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 13 kDa.