

# Recombinant Human CCL8/MCP-2 Protein

Catalog No.: RP01947 **Recombinant**

## Sequence Information

<b>Species</b>	<b>Gene ID</b>	<b>Swiss Prot</b>
Human	6355	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

<b>Source</b>	<b>Purification</b>
<i>Pichia</i>	PBS

<b>Calculated MW</b>	<b>Observed MW</b>
8.91 kDa	10-15 kDa

**Endotoxin**  
<0.1EU/μg

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

## Contact

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## 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.

### Bio-Activity

#### Storage

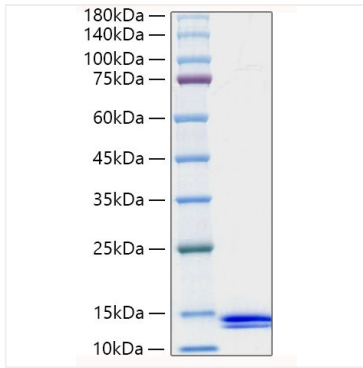
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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 Mouse Fas ligand/APTL/CD95 ligand/CD178 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 10-15 kDa.