

# Human MCP-3/CCL7 (His Tag) recombinant protein



Catalog Number: 501164

## General Information

### Gene Name Synonym

Monocyte chemoattractant protein 3; Monocyte chemotactic protein 3; NC28; Small-inducible cytokine A7

### Protein Construction

A DNA sequence encoding the mature form of human CCL7 (NP\_006264.2) (Gln 24-Leu 99) was expressed, with an initial Met at the N-terminus and a polyhistide tag at the C-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 92 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

### Molecular Mass

The recombinant human CCL7 consisting of 87 amino acids and has a calculated molecular mass of 10.5 kDa. It migrates as an approximately 13 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50mM Tris, 30% glycerol, pH 7.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

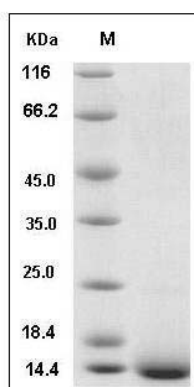
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human MCP-3 / CCL7 Protein (His Tag) SDS-PAGE