

# Mouse CCL2/MCP-1 (His Tag) recombinant protein



Catalog Number: 501594

## General Information

### Gene Name Synonym

Monocyte chemoattractant protein 1; Monocyte chemotactic protein 1; Platelet-derived growth factor-inducible protein JE; Small-inducible cytokine A2

### Protein Construction

A DNA sequence encoding the mouse CCL2 (NP\_035463.1) (Met1-Asn148) was expressed with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 80 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Gln 24

### Molecular Mass

The recombinant mouse CCL2 comprises 135 amino acids and has a predicted molecular mass of 15.2 kDa. The apparent molecular mass of the protein is approximately 27 kDa in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10% glycerol, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

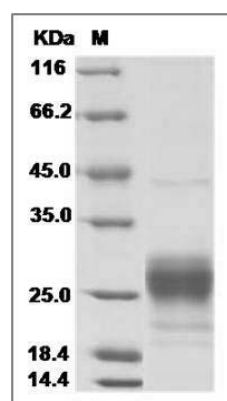
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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



Mouse CCL2 / MCP-1 / MCP1 Protein (His Tag)  
SDS-PAGE