



## Recombinant Mouse Monocyte Chemotactic Protein 1 (MCP1)

Catalog No.: TP01457 100ug

### Sequence Information

**Species:** Mouse

**Gene ID:**20296

**Swiss Prot:**P10148

**Synonyms:**C-C motif chemokine 2,  
AI323594, HC11, JE, MCAF,  
MCP-1, MCP1, Scya2, Sigje,  
SMC-CF

**Residues:**Gln24~Asn148

QPDVAVNAPLTCCYSFTSKMIPMSRLESYKRITSSRCPEAVVFVTKLKREVCADPKKEWVQTYIKNLDRNQMRSE  
PTTLFKTASALRSSAPLNVKLTRKSEANASTTFSTTSSVSGVTSVTN

### Product Information

**Source:** Prokaryotic expression.

**Host:** *E. coli*

**Tags:** N-terminal His-Tag

**Subcellular Location:** Secreted.

**Purity:** >90%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS pH7.2, 0.01% sarcosyl, 5%Trehalose .

**Original Concentration:** 1mg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 9.8

**Predicted Molecular Mass:** 17.5kDa

**Accurate Molecular Mass:** 20kDa as determined by SDS-PAGE reducing conditions.

### **[ USAGE ]**

Reconstitute in PBS pH7.2 or ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

### **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

