

# Eukaryotic Monocyte Chemotactic Protein 4 (MCP4) Instruction Manual

**SFPA100Hu51**

**Homo sapiens (Human)**

|                                 |  |
|---------------------------------|--|
| <b>Source</b>                   | Eukaryotic expression  |
| <b>Host</b>                     | Yeast  |
| <b>Endotoxin Level</b>          | <1.0EU per 1ug (determined by the LAL method)  |
| <b>Subcellular Location</b>     | Secreted   |
| <b>Predicted Molecular Mass</b> | 10.7kDa  |
| <b>Accurate Molecular Mass</b>  | 11kDa(Analysis of differences refer to the manual)                                       |
| <b>Residues &amp; Tags</b>      | Phe17~Thr98 with N-terminal His Tag  |
| <b>Buffer Formulation</b>       | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300. |
| <b>Traits</b>                   | Freeze-dried powder  |
| <b>Purity</b>                   | > 95%  |
| <b>Isoelectric Point</b>        | 10   |
| <b>Applications</b>             | Positive Control; Immunogen; SDS-PAGE; WB.   |

## SEQUENCE

```
      FNPQ GLAQPDALNV PSTCCFTFSS KKISLQRLKS  
YVITTSRCPQ KAVIFRTKLG KEICADPKEK WVQNYMKHLG RKAHTLKT
```

## USAGE

Reconstitute in PBS or others.

## STORAGE

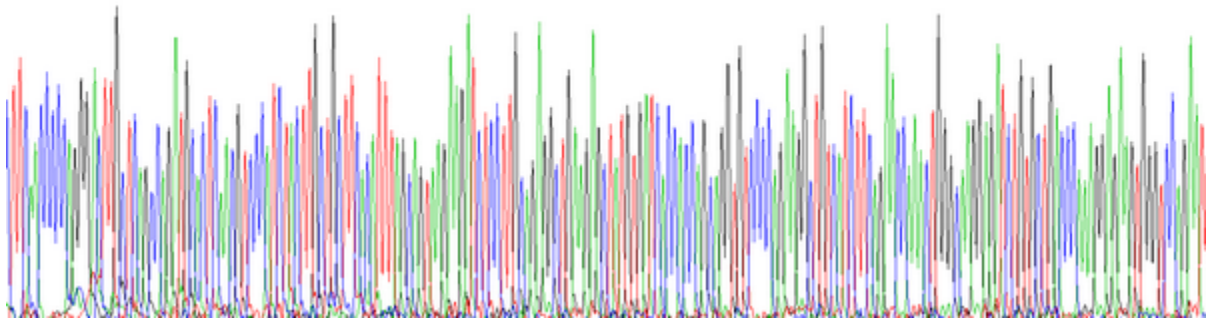
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

## STABILITY

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.

## Image

TTTAAAGGCGGGACTTGTAGAGGATGCTATGATGTCATTTGCTTTGACATTTGAGTANGGAGCTCTTGGAGGCTGAGAGCTATGATTCAGCGAGCGAGTGTCCAGAGGCTGTATCTTCAGATCAATCGGCAAGGAGCTGTGTTGACCAAGGAGTGGGTGGAT  
FSPQGLAQPDAIHYVPSITCCFTFSSKKISLORLKSYYITTSRCPQKAVIFRTKLGKETCADPKEKVVQ\*



SDS-PAGE Image

## **[IMPORTANT NOTE]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.