

## Recombinant Mouse CXCR4 Protein, His-GST-tagged

**Cat. No.** CXCR4-40M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse CXCR4 Protein(NP_001343438.1)(Asp269~Ser359), fused to two N-terminal tags, His tag and GST tag, was expressed in E. coli.                              |
| <b>Species</b>          | Mouse                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                    |
| <b>ProteinLength</b>    | Asp269~Ser359                                                                                                                                                             |
| <b>Form</b>             | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                                                                                   |
| <b>Molecular Mass</b>   | 40kDa as determined by SDS-PAGE reducing conditions.                                                                                                                      |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                                                              |
| <b>Purity</b>           | > 90%                                                                                                                                                                     |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.<br>If bio-activity of the protein is needed, please check active protein.                                                      |
| <b>Notes</b>            | 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.                   |
| <b>Stability</b>        | 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, |

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

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

**Concentration**

200g/mL

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name**

Cxcr4 chemokine (C-X-C motif) receptor 4 [ Mus musculus (house mouse) ]

**Official Symbol**

CXCR4

**Synonyms**

fu; Sdf; Cmka; PB-C; CD184; LESTR; Sdf1r; CXC-R4; CXCR-4; Cmkar4; PB-CKR; b2b220C; b2b220Clo; PBSF/SDF-1

**Gene ID**

12767

**mRNA Refseq**

NM\_001356509.1

**Protein Refseq**

NP\_001343438.1

**UniProt ID**

P70658

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## SDS-PAGE



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