

Recombinant Mouse CXCR4 Protein, His-GST-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	E.coli
ProteinLength	Asp269~Ser359
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	40kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Notes	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.
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,

 Tel: 1-631-559-9269 1-516-512-3133

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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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