

Recombinant Mouse Ccr8 Protein

Cat. No. CCR8-3018M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ccr8 Protein without tag was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Enables C-C chemokine receptor activity. Acts upstream of or within chemotaxis. Predicted to be located in plasma membrane. Predicted to be integral component of membrane. Predicted to be active in external side of plasma membrane. Is expressed in central nervous system; retina; and thymus primordium. Orthologous to human CCR8 (C-C motif chemokine receptor 8).
Molecular Mass	42.8 kDa
AA Sequence	MDYTMENVTMTDYYPDFFTAPCDAEFLLRGSMLYLAILYCVLFVLGLLGNSLVILVL VGCKKLRSITDIYLLNLAASDLLFVLSIPFQTHNLLDQWVFGTAMCKVVSGLYYIGFFS SMFFITLMSVDRYLAIHVAVYAIKVRTASVGTALSLTVWLA AVTATIPLMVFYQVASED GMLQCFQFYEEQSLRWKLFTHFEINALGLLL PFAILLFCYVRILQQLRGCLNHNRTA IKLVLTVVIVSLLFWVPFNVALFLTSLHDLHILDGCATRQRLALAIHVTEVISFTHCCVN PVIYAFIGEKFKKHLMDVFQKSCSHIFLYLGRQMPVGALERQLSSNQRSSHSTLDDI L
Purity	≥ 85% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer

Lyophilized from PBS, 0.05% FOS12, 6% Trehalose, pH 8.0

The volume before lyophilization is 100 µL/vial.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20/-80 centigrade. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name

[Ccr8 chemokine \(C-C motif\) receptor 8 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Ccr8](#)

Synonyms

Ccr8; chemokine (C-C motif) receptor 8; C-C; CCR-8; CKR-8; mCCR8; Cmkbr8; CC-CKR-8; C-C CKR-8; C-C chemokine receptor type 8; C-C motif chemokine receptor 8

Gene ID

[12776](#)

mRNA Refseq

[NM_007720](#)

Protein Refseq

[NP_031746](#)

UniProt ID

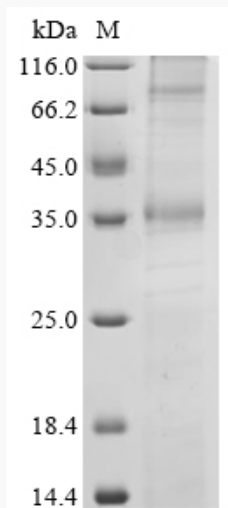
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SDS-PAGE



Observed band size: Monomer: 37 kDa Dimer: 74 kDa

It is speculated that the protein forms a dimeric structure.

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel. Boiling SDS-treated samples may result in membrane protein aggregation. Incubation at 37 centigrade for 10 min is an effective alternative.