

## Recombinant Full Length Mouse Ccr4 Protein, His tagged

**Cat. No.** RFL27589MF    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Mouse Ccr4 Protein with His tag was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-360 aa                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | Enables C-C chemokine receptor activity. Acts upstream of or within several processes, including homeostasis of number of cells; interneuron migration; and tolerance induction. Located in external side of plasma membrane. Is expressed in several structures, including central nervous system; gut; limb; liver and biliary system; and reproductive system. Orthologous to human CCR4 (C-C motif chemokine receptor 4). |
| <b>AASequence</b>       | MNATEVTDTTQDETVYNSYYFYESMPKPCTKEGIKAFGEVFLPPLYSLVFLGLFGN<br>SVVVLVLFKYKRLKSMTDVYLLNLAISDLLFVLSLPFWGYAADQWVFGGLGLCKIVS<br>WMYLVGFYSGIFFIMLSIDRYLAIVHAVFSLKARTLTYGVITSLITWSVAVFASLPGLL<br>FSTCYTEHNHTYCKTQYSVNSTTWKVLSSLEINVLGLLIPLGIMLFCYSMIIRTLQHCK<br>NEKKNRAVRMIFAVVVLFLGFWTPYNNVLFLETLELEVLQDCTLERYLDYAIQATET<br>LAFIHCCCLNPVIYFFLGEKFRKYITQLFRCTCRGPLVLCKHCDFLQVYSADMSSSSYTQ<br>STVDHDFRDAL                               |
| <b>Molecular Mass</b>   | 42.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                      |

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|                       |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | ≥85%, by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>        | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                |
| <b>Storage Buffer</b> | Lyophilized from PBS, 0.05% Brij 78, 6% Trehalose, pH7.4 The volume before lyophilization is 175µl/vial.                                                                                                                                                                                                                                                                                                           |
| <b>Reconstitution</b> | 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. |

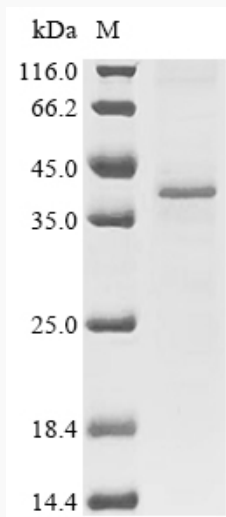
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Ccr4 chemokine (C-C motif) receptor 4 [ Mus musculus ]</a>                                                                                                                                                                            |
| <b>Official Symbol</b> | <a href="#">Ccr4</a>                                                                                                                                                                                                                              |
| <b>Synonyms</b>        | CCR4; chemokine (C-C motif) receptor 4; C-C chemokine receptor type 4; CCR-4; fusin; CC CKR-4; CC-CKR-4; C-C CKR-4; chemokine (C-C) receptor 4; leukocyte-expressed seven-transmembrane-domain receptor; LESTR; Sdf1r; CHEMR1; Cmkbr4; MGC151418; |
| <b>Gene ID</b>         | <a href="#">12773</a>                                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>     | <a href="#">NM_009916</a>                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | <a href="#">NP_034046</a>                                                                                                                                                                                                                         |

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**UniProt ID**
**P51680**
**SDS-PAGE**


(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.

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