

Recombinant Full Length Mouse Ccr4 Protein, His tagged

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

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Ccr4 Protein with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-360 aa
Description	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).
AASequence	MNATEVTDTTQDETVYNSYYFYESMPKPCTKEGIKAFGEVFLPPLYSLVFLGLFGN SVVVLVLFKYKRLKSMTDVYLLNLAISDLLFVLSLPFWGYAADQWVFGGLGLCKIVS WMYLVGFYSGIFFIMLSIDRYLAIVHAVFSLKARTLTYGVITSLITWSVAVFASLPGLL FSTCYTEHNHTYCKTQYSVNSTTWKVLSSLEINVLGLLIPLGIMLFCYSMIIRTLQHCK NEKKNRAVRMIFAVVVLFLGFWTPYNNVLFLETLELEVLQDCTLERYLDYAIQATET LAFIHCCCLNPVIYFFLGEKFRKYITQLFRTCRGPLVLCKHCDFLQVYSADMSSSSYTQ STVDHDFRDAL
Molecular Mass	42.9 kDa

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Purity	≥85%, by SDS-PAGE
Storage	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.
Storage Buffer	Lyophilized from PBS, 0.05% Brij 78, 6% Trehalose, pH7.4 The volume before lyophilization is 175µl/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.

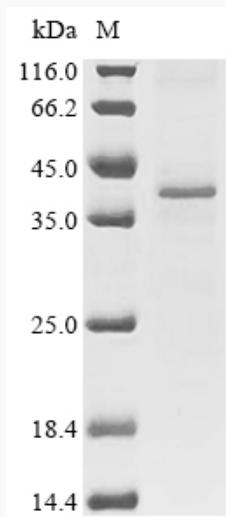
GENE INFORMATION

Gene Name	Ccr4 chemokine (C-C motif) receptor 4 [Mus musculus]
Official Symbol	Ccr4
Synonyms	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;
Gene ID	12773
mRNA Refseq	NM_009916
Protein Refseq	NP_034046

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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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