

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 NEKKNRAVRMIFAVVVFLGFWTPYNNVLFLETLELEVLQDCTLERYLDYAIQATET LAFIHCCLNPVIYFFLGEKFRKYITQLFRTCRGPLVLCKHCDFLQVYSADMSSSSYTQ 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

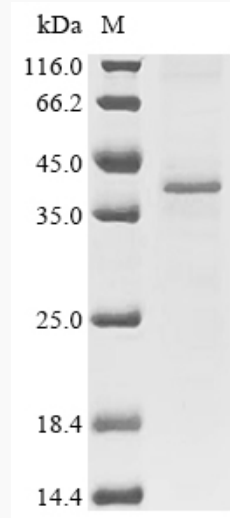
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UniProt ID

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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