

Active Recombinant Mouse Ccl21a Protein

Cat. No. Ccl21a-2033M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse chemokine (C-C motif) ligand 21A (serine) (Ccl21a / 6CKine) without tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser44-Gly133
Description	Inhibits hemopoiesis and stimulates chemotaxis. Chemotactic in vitro for thymocytes and activated T-cells, but not for B-cells, macrophages, or neutrophils. Potent mesangial cell chemoattractant. Shows preferential activity towards naive T-cells. May play a role in mediating homing of lymphocytes to secondary lymphoid organs.
Bio-activity	Bioactivity was measured by its ability to chemoattract Baf3-hCCR7 cells in a dose dependent manner.
Molecular Mass	12 kDa
Endotoxin	Less than 0.01 ng/μg protein as determined by the LAL method
Purity	> 98%, as determined by Coomassie stained SDS-PAGE.
Stability	Unopened vial can be stored between 2 and 8 centigrade for up to 2 weeks, at -20 centigrade for up to 6 months, or at -70 centigrade or below until the expiration date.

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Aliquots can be stored between 2 and 8 centigrade for up to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated freeze/thaw cycles.

Storage

Store at -80 centigrade.

Concentration

Protein formulated and vialled at >50 µg/mL in specified buffer

Storage Buffer

1 x PBS

GENE INFORMATION

Gene Name

Ccl21a chemokine (C-C motif) ligand 21A (serine) [*Mus musculus* (house mouse)]

Official Symbol

Ccl21a

Synonyms

Ccl21a; chemokine (C-C motif) ligand 21A (serine); S; ALP; SLC; Tca; plt; 6Cki; CKb9; Scya; Tca4; Scya2; 6CKBAC; 6Ckine; Exodus; Gm1987; Scya21; 6CKBAC2; SCYA21a; Scya21b; AW987545; C-C motif chemokine 21a; CC chemokine 6Ckine-ser; CCL21-Ser; beta-chemokine exodus-2; exodus-2; small inducible cytokine A21a; thymus-derived chemotactic agent 4

Gene ID

18829

mRNA Refseq

NM_011124

Protein Refseq

NP_035254

UniProt ID

P84444

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