Recombinant Mouse Ccl21a Protein

Cat. No. Ccl21a-20M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ccl21a Protein without tag was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Exodus-2, also known as CCL21 and 6Ckine, is a chemokine that is strongly produced in the human lymph nodes and spleen. Exodus-2 signals through the chemokine receptor CCR7 to regulate thymocyte and activated T cell migration. Exodus-2 also mediates the homing of lymphocytes to the lymphatic system. Human and mouse Exodus-2 proteins share greater than 85% amino acid sequence identity.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Monomer, 12 kDa (110 aa)
AA Sequence	SDGGGQDCCLKYSQKKIPYSIVRGYRKQEPSLGCPIPAILFSPRKHSKPELCANPEE GWVQNLMRRLDQPPAPGKQSPGCRKNRGTSKSGKKGKGSKGCKRTEQTQPSRG
Endotoxin	≤1 EUs/μg, Kinetic LAL
Purity	≥95%, Reducing and Non-Reducing SDS PAGE
Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied. 1 month when stored at 4 centigrade after reconstituting as directed.

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	3 months when stored at -20 to -80 centigrade after reconstituting as directed.
Storage	Storage Prior to Reconstitution: -20 centigrade
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Reconstitution	Sterile water at 0.1 mg/mL
Shipping	Room temperature
Instructions	Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

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); C-C motif chemokine 21a; exodus-2; CCL21-Ser; CC chemokine 6Ckine-ser; beta chemokine exodus-2; beta-chemokine exodus-2; small inducible cytokine A21a; small-inducible cytokine A21a; thymus-derived chemotactic agent 4; ALP; SLC; plt; CKb9; Tca4; 6Ckine; Scya21; 6CKBAC2; SCYA21a; Scya21b; AW987545; MGC107632;
Gene ID	18829
mRNA Refseq	NM_011124

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Protein Refseq	NP_035254
UniProt ID	P84444

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