Active Recombinant Human CCL21 protein

Cat. No. CCL21-2886H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCL21 protein(O00585)(24-134 aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	24-134 aa
Form	Lyophilized from a 0.2 μm filtered concentrated solution in 2 × PBS, pH 7.0.
Bio-activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human lymphocytes is in a concentration range of 10-100 ng/ml.
Molecular Mass	Approximately 12.2 kDa, a single, non-glycosylated polypeptide chain containing 111 amino acids.
AASequence	SDGGAQDCCL KYSQRKIPAK VVRSYRKQEP SLGCSIPAIL FLPRKRSQAE LCADPKELWV QQLMQHLDKT PSPQKPAQGC RKDRGASKTG KKGKGSKGCK RTERSQTPKG P
Endotoxin	Less than 1 EU/μg of rHuExodus-2/CCL21 as determined by LAL method.
Purity	> 95 % by SDS-PAGE analyses.

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Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name	CCL21 chemokine (C-C motif) ligand 21 [Homo sapiens]
Official Symbol	CCL21
Synonyms	CCL21; chemokine (C-C motif) ligand 21; SCYA21, small inducible cytokine subfamily A (Cys Cys), member 21; C-C motif chemokine 21; 6Ckine; beta chemokine exodus 2; CKb9; ECL; Efficient Chemoattractant for Lymphocytes; exodus 2; secondary lymphoid tissue chemokine; SLC; TCA4; exodus-2; beta chemokine exodus-2; beta-chemokine exodus-2; small-inducible cytokine A21; secondary lymphoid-tissue chemokine; small inducible cytokine subfamily A (Cys-Cys), member 21; SCYA21; MGC34555;
Gene ID	6366
mRNA Refseq	NM_002989
Protein Refseq	NP_002980

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MIM	602737
UniProt ID	O00585
SDS-PAGE	

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