Recombinant Human CCL21 Protein, Biotin-tagged

Cat. No. CCL21-62H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCL21 Protein, fused to Biotin-tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	This antimicrobial gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. Similar to other chemokines the protein encoded by this gene inhibits hemopoiesis and stimulates chemotaxis. This protein is chemotactic in vitro for thymocytes and activated T cells, but not for B cells, macrophages, or neutrophils. The cytokine encoded by this gene may also play a role in mediating homing of lymphocytes to secondary lymphoid organs. It is a high affinity functional ligand for chemokine receptor 7 that is expressed on T and B lymphocytes and a known receptor for another member of the cytokine family (small inducible cytokine A19).
AA Sequence	SDGGAQDCCL KYSQRKIPAK VVRSYRKQEP SLGCSIPAIL FLPRKRSQAE LCADPKELWV QQLMQHLDKT PSPQKPAQGC RKDRGASKTG KKGKGSKGCK RTERSQTPKG P + Linker
tmpcolum67	C-C motif chemokine ligand 21
Conjugation	Biotin

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GENE INFORMATION

Gene Name	CCL21 C-C motif chemokine ligand 21 [Homo sapiens (human)]
Official Symbol	CCL21
Synonyms	ECL; SLC; CKb9; TCA4; 6Ckine; SCYA21
Gene ID	6366
mRNA Refseq	NM_002989
Protein Refseq	NP_002980
MIM	602737
UniProt ID	O00585

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