

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	<p>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).</p>
AA Sequence	SDGGAQDCCL KYSQRKIPAK VRSYRKQEP SLGCSIPAIL FLPRKRSQAE LCADPKELWV QQLMQHLDKT PSPQKPAQGC RKDRGASKTG KKGKGSKGCK RTERSQTPKG P + Linker
tmpcolumn67	C-C motif chemokine ligand 21
Conjugation	Biotin

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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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