

Recombinant Human CCL21 Protein

Cat. No. CCL21-48H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCL21 Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	111 amino acid
Description	CCL21 is a human chemokine that recruits normal immune cells and metastasizing tumor cells to lymph nodes through activation of the G protein-coupled receptor CCR7. Originally called SLC or exodus-2, CCL21 is expressed in high endothelial venules of lymph nodes, spleen, and Peyer's patches as well as lymphatic endothelium in peripheral tissues. CCL21 directs the migration of CCR7-expressing lymphocytes and antigen-activated dendritic cells. CCL21 contains 6 conserved cysteines, in contrast to the 4 that are more typical of CC chemokines. CCL21 induces chemotactic migration of thymocytes and activated T-cells, but not B-cells, macrophages, or neutrophils.
Form	Lyophilized
Molecular Mass	12.2472 kDa
AA Sequence	SDGGAQDCCLKYSQRKIPAKVVRSYRKQEPSLGCSIPAILFLPRKRSQAELCAD PKE LWVQQLMQHLDKTPSPQKPAQGCRKDRGASKTGKKGKGSKGCKRTERSQTPKGP

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Endotoxin	Endotoxin-free <0.01 EU/ug
Purity	Purity assessed by HPLC, Mass Spectrometry, and NMR
Storage	Store at -20 to -80 centigrade for 12 months; Store at 4 centigrade for 6 months; Store at RT for 1 month.
tmpcolum67	C-C motif chemokine ligand 21

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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