

Recombinant Full Length Human CCL21 Protein, GST-tagged

Cat. No. CCL21-2963HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCL21 full-length ORF (NP_002980.1, 1 a.a. - 134 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	134 amino acids
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). [provided by RefSeq, Sep 2014]
Molecular Mass	41 kDa
AA Sequence	MAQSLALSLILVLAFGIPRTQGSDGGAQDCCLKYSQRKIPAKVVRSYRKQEPSLGC SIPAILFLPRKRSQAELCADPKELWWVQQLMQHLDKTPSPQKPAQGCRKDRGASKTG

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KKGKGSKGCKRTERSQTPKGP

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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
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UniProt ID	O00585
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