

# CCL21 (Human) Recombinant Protein

Catalog # P6210

Size 100 ug

## Specification

<b>Product Description</b>	Human CCL21 (O00585) recombinant protein expressed in <i>E. Coli</i> .
<b>Sequence</b>	SDGGAQDCCLKYSQRKIPAKVVRSYRKQEPSLGCSIPAILFLPRKRSQAELCADPKELWVQQLM QHLDKTPSPQKPAQGCRKDRGASKTGKKGKGSKGCKRTERSQTPKGP
<b>Host</b>	Escherichia coli
<b>Theoretical MW (kDa)</b>	12.3
<b>Form</b>	Lyophilized
<b>Purity</b>	>= 95%
<b>Endotoxin Level</b>	<= 1 EUs/ug (Kinetic LAL)
<b>Quality Control Testing</b>	Reducing and Non-Reducing SDS PAGE
<b>Conformation</b>	Monomer
<b>Storage Buffer</b>	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA).
<b>Storage Instruction</b>	Stored at -20°C to -80°C for 12 month. After reconstitution with sterile water at 0.1 mg/mL, store at -20°C to -80°C for 3 months, store at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — CCL21

Entrez GeneID	<a href="#">6366</a>
Protein Accession#	<a href="#">O00585</a>
Gene Name	CCL21
Gene Alias	6Ckine, CKb9, ECL, MGC34555, SCYA21, SLC, TCA4
Gene Description	chemokine (C-C motif) ligand 21
Omim ID	<a href="#">602737</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This 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 (CCR7) 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]</p>
Other Designations	Efficient Chemoattractant for Lymphocytes OTTHUMP00000000526 OTTHUMP00000000527 OTTHUMP000000021304 beta chemokine exodus-2 exodus-2 secondary lymphoid tissue chemokine small inducible cytokine A21 small inducible cytokine subfamily A (Cys-Cys), member 21

## Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

## Disease

- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Endometriosis](#)

- [Genetic Predisposition to Disease](#)
- [Inflammation](#)
- [Wegener Granulomatosis](#)