

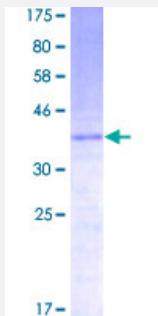
Full-Length

CCL21 (Human) Recombinant Protein (P01)

Catalog # H00006366-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CCL21 full-length ORF (NP_002980.1, 1 a.a. - 134 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAQSLALSLLILVLAFGIPRTQGSDGGAQDCCLKYSQRKIPAKVVRSYRKQEPSLGCSIPAILFLPR KRSQAELCADPKELWVQQLMQHLDKTPSPQKPAQGCRKDRGASKTGKKGKGSKGCKRTERS QTPKGP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	41
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — CCL21

Entrez GeneID [6366](#)

GeneBank Accession# [NM_002989.2](#)

Protein Accession# [NP_002980.1](#)

Gene Name CCL21

Gene Alias 6CKine, CKb9, ECL, MGC34555, SCYA21, SLC, TCA4

Gene Description chemokine (C-C motif) ligand 21

Omim ID [602737](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

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](#)