

Active Recombinant Human CCL21 protein

Cat. No. CCL21-626H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CCL21 protein(O00585) (Met 1-Pro 134) was expressed and purified in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	1-134 aa
Form	Lyophilized from sterile 40mM Tris, 0.3 M NaCl, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human CCL21 at 2 µg/ml (100 µl/well) can bind human IGFBP7 with a linear ranger of 0.16-4 µg/ml.
Molecular Mass	The secreted recombinant human CCL21 consists of 111 amino acids and predicts a molecular mass of 12.3 kDa. It migrates as an approximately 18 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 98 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

MIM 602737

UniProt ID O00585

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