

## Active Recombinant Human CCL21

**Cat. No.** CCL21-522H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CCL21 (Accession # NP_002980 (6Ckine) & P78423 (Fractalkine Mucin-like Stalk)), fused with , was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Ser24
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
<b>Bio-activity</b>	Measured by its ability to chemoattract 5-10 day cultured human peripheral blood lymphocytes (PBL).The ED50 for this effect is typically 0.5 - 1.5 µg/mL.Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with human CCR7.The ED50 for this effect is typically 25 - 100 ng/mL.
<b>Molecular Mass</b>	Recombinant Human CCL21 has a calculated MW of 38.3 kDa. In SDS-PAGE migrates as 95-105 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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## GENE INFORMATION

<b>Gene Name</b>	CCL21 chemokine (C-C motif) ligand 21 [ Homo sapiens ]
<b>Official Symbol</b>	CCL21
<b>Synonyms</b>	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;
<b>Gene ID</b>	6366
<b>mRNA Refseq</b>	NM_002989
<b>Protein Refseq</b>	NP_002980
<b>MIM</b>	602737
<b>UniProt ID</b>	O00585
<b>Chromosome Location</b>	9p13

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