Active Recombinant Human CCL21

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

SPECIFICATION

Product Overview	Recombinant Human CCL21 (Accession # NP_002980 (6Ckine) & P78423 (Fractalkine Mucin-like Stalk)), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Ser24
Form	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	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.
Molecular Mass	Recombinant Human CCL21 has a calculated MW of 38.3 kDa. In SDS-PAGE migrates as 95-105 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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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
Chromosome Location	9p13

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