Recombinant Human CCL22 Protein, Biotin-tagged

Cat. No. CCL22-63H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCL22 Protein, fused to Biotin-tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	This antimicrobial gene is one of several Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 16. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for monocytes, dendritic cells, natural killer cells and for chronically activated T lymphocytes. It also displays a mild activity for primary activated T lymphocytes and has no chemoattractant activity for neutrophils, eosinophils and resting T lymphocytes. The product of this gene binds to chemokine receptor CCR4. This chemokine may play a role in the trafficking of activated T lymphocytes to inflammatory sites and other aspects of activated T lymphocyte physiology.
AA Sequence	GPYGANMEDS VCCRDYVRYR LPLRVVKHFY WTSDSCPRPG VVLLTFRDKE ICADPRVPWV KMILNKLSQ + Linker
tmpcolum67	C-C motif chemokine ligand 22
Conjugation	Biotin

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GENE INFORMATION

Gene Name	CCL22 C-C motif chemokine ligand 22 [Homo sapiens (human)]
Official Symbol	CCL22
Synonyms	MDC; ABCD-1; SCYA22; STCP-1; DC/B-CK; A-152E5.1
Gene ID	6367
mRNA Refseq	NM_002990
Protein Refseq	NP_002981
MIM	602957
UniProt ID	O00626

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