

Active Recombinant Human Chemokine (C-C Motif) Ligand 14, HIgG1 Fc-tagged

Cat. No. CCL14-335H Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human CCL14 (AAH38289.1)(Thr20-Asn93) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO cell.
Species	Human
Source	CHO
ProteinLength	20-93 a.a.
Description	This gene, chemokine (C-C motif) ligand 14, is one of several CC cytokine genes clustered on 17q11.2. The CC cytokines are secreted proteins characterized by two adjacent cysteines. The cytokine encoded by this gene induces changes in intracellular calcium concentration and enzyme release in monocytes. Multiple transcript variants encoding different isoforms have been found for this gene. Read-through transcripts are also expressed that include exons from the upstream cytokine gene, chemokine (C-C motif) ligand 15, and are represented as GenID: 348249.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Activate on human monocytes and acts via receptors that also recognize MIP-1 alpha.
Molecular Mass	35KDa (monomer)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence	Thr20-Asn93
Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="">
Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	CCL14 chemokine (C-C motif) ligand 14 [Homo sapiens]
Official Symbol	CCL14
Synonyms	CCL14; chemokine (C-C motif) ligand 14; SCYA14, small inducible cytokine subfamily A (Cys Cys), member 14; C-C motif chemokine 14; CKb1; HCC 1; HCC 3; MCIF; NCC 2; SCYL2; chemokine CC-3; new CC chemokine 2; chemokine CC-1/CC-3; hemofiltrate CC chemokine 1; small-inducible cytokine A14; small inducible cytokine subfamily A (Cys-Cys), member 14; CC-1; CC-3; CKB1; NCC2; SY14; HCC-1; HCC-3; NCC-2; SCYA14; HCC-1(1-74); HCC-1/HCC-3; FLJ16015;
Gene ID	6358
mRNA Refseq	NM_032962
Protein Refseq	NP_116738

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MIM	601392
UniProt ID	Q16627
Chromosome Location	17q11.2
Pathway	Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	chemokine activity;

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