Active Recombinant Human CCL16, MIgG2a Fc-tagged

Cat. No. CCL16-353H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human CCL16 (AAH99662.1)(Gln24-Gln120) is fused to the N-terminus of the Fc region of mouse IgG2a was expressed in CHO cell.
Species	Human
Source	CHO
ProteinLength	24-120 a.a.
Description	This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. 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 lymphocytes and monocytes but not for neutrophils. This cytokine also shows a potent myelosuppressive activity and suppresses proliferation of myeloid progenitor cells. The expression of this gene is upregulated by IL-10
Form	Lyophilized from 0.2μm-filtered solution in PBS.
Bio-activity	Measured by its ability to chemoattract THP-1 human acute monocytic leukemia cells.
Molecular Mass	37KDa (monomer)
AA Sequence	Gln24-Gln120

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Endotoxin	<0.06 eu/μg="" as="" determined="" by="" lal="" test.="">
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	CCL16 chemokine (C-C motif) ligand 16 [Homo sapiens]
Official Symbol	CCL16
Synonyms	CCL16; chemokine (C-C motif) ligand 16; SCYA16, small inducible cytokine subfamily A (Cys Cys), member 16; C-C motif chemokine 16; CKb12; HCC 4; LCC 1; LEC; LMC; Mtn 1; NCC 4; SCYL4; monotactin-1; chemokine LEC; chemokine CC-4; new CC chemokine 4; liver CC chemokine-1; IL-10-inducible chemokine; liver-expressed chemokine; small-inducible cytokine A16; lymphocyte and monocyte chemoattractant; small inducible cytokine subfamily A (Cys-Cys), member 16; NCC4; HCC-4; LCC-1; Mtn-1; NCC-4; ILINCK; SCYA16; MGC117051;
Gene ID	6360
mRNA Refseq	NM_004590
Protein Refseq	NP_004581

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MIM	601394
UniProt ID	O15467
Chromosome Location	17q11.2
Pathway	Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; G alpha (i) signalling events, organism-specific biosystem;
Function	chemoattractant activity; chemokine activity;

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