

Recombinant Human CCL18 Protein, DYKDDDDK-tagged

Cat. No. CCL18-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C-C motif chemokine ligand 18(CCL18)(NM_002988), with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	This antimicrobial gene is one of several Cys-Cys (CC) 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 naive T cells, CD4+ and CD8+ T cells and nonactivated lymphocytes, but not for monocytes or granulocytes. This chemokine attracts naive T lymphocytes toward dendritic cells and activated macrophages in lymph nodes. It may play a role in both humoral and cell-mediated immunity responses.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.89, without any preservatives.
Molecular Mass	10.1kD
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining

 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

Applications

Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

GENE INFORMATION
Gene Name

CCL18 chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated) [Homo sapiens]

Official Symbol

CCL18

Synonyms

CCL18; chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated); SCYA18, small inducible cytokine subfamily A (Cys Cys), member 18, pulmonary and activation regulated; C-C motif chemokine 18; AMAC 1; CKb7; DC CK1; DCCK1; MIP 4; PARC; CC chemokine PARC; CC chemokine ligand 18; chemokine (C-C), dendritic; dendritic cell chemokine 1; small inducible cytokine A18; small-inducible cytokine A18; macrophage inflammatory protein 4; pulmonary and activation-regulated chemokine; alternative macrophage activation-associated CC chemokine 1; small inducible cytokine subfamily A (Cys-Cys), member 18, pulmonary and activation-regulated; AMAC1; MIP-4; AMAC-1; DC-CK1; SCYA18;

Gene ID

6362

mRNA Refseq

NM_002988

Protein Refseq

NP_002979

MIM

603757

UniProt ID

P55774

 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