

## Recombinant Human CCL18, 22-89 aa, His-tagged

Cat. No. CCL18-164H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CCL18 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 10.4 kDa (93aa).
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	CCL18, also known as chemokine (C-C motif) ligand 18, a chemotactic factor that attracts lymphocytes but not monocytes or granulocytes may be involved in B cell migration into B cell follicles in lymph nodes. It attracts naive T lymphocytes toward dendritic cells and activated macrophages in lymph nodes, has chemotactic activity for naive T cells, CD4+ and CD8+ T cells and thus may play a role in both humoral and cell-mediated immunity responses.
<b>Form</b>	Liquid. In 10mM Sodium Citrate pH3.5, 10% Glycerol.
<b>Purity</b>	> 95% by SDS - PAGE.
<b>Concentration</b>	0.25 mg/ml (determined by Bradford assay).
<b>Endotoxin Level</b>	< 1.0 EU per 1 µg of protein (determined by LAL method ).
<b>Sequences Of Amino Acids</b>	MGSSHHHHHH SSGLVPRGSH MGSHMQVGTN KELCCLVYTS WQIPQKFIVD YSETSPQCPK PGVILLTKRG RQICADPNKK WVQKYISDLK LNA.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**Storage** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**Pathways** Cytokine-cytokine receptor interaction

## GENE INFORMATION

**Gene Name** [CCL18 chemokine \(C-C motif\) ligand 18 \(pulmonary and activation-regulated\) \[ Homo sapiens \]](#)

**Synonyms** CKb7; PARC; AMAC1; DCCK1; MIP-4; AMAC-1; DC-CK1; SCYA18; CCL18\_HUMAN; C-C motif chemokine 18 [Precursor]; Small-inducible cytokine A18; Macrophage inflammatory protein 4; pulmonary and activation-regulated chemokine; CC chemokine PARC; Alternative macrophage activation-associated CC chemokine 1; Dendritic cell chemokine 1; CCL18; chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated)

**Gene ID** [6362](#)

**mRNA Refseq** [NM\\_002988](#)

**Protein Refseq** [NP\\_002979](#)

**MIM** [603757](#)

**UniProt ID** [P55774](#)

**Chromosome Location** 17q11.2

**Function** chemokine activity

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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