

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

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

SPECIFICATION

Product Overview	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).
Species	Human
Source	E.coli
Description	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.
Form	Liquid. In 10mM Sodium Citrate pH3.5, 10% Glycerol.
Purity	> 95% by SDS - PAGE.
Concentration	0.25 mg/ml (determined by Bradford assay).
Endotoxin Level	< 1.0 EU per 1 µg of protein (determined by LAL method).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MGSHMQVG TN KELCCLVYTS WQIPQKFIVD YSETSPQCPK PGVILLTKRG RQICADPNKK WVQKYISDLK LNA.

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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