

CCL18 (Human) Recombinant Protein

Catalog # P9551

Size 5 ug

Specification

Product Description	Human CCL18 (P55774, 22 a.a. - 89 a.a.) partial recombinant protein with His tag at N-terminus expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMQVGTNKELCCLVYTSWQIPQKFVDYSETSPQC PKPGVI LLTKRGRQICADPNKKWVQKYISDLKLNA
Host	Escherichia coli
Theoretical MW (kDa)	10.4
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95.0% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM Sodium Citrate buffer pH3.5 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CCL18

Entrez GeneID

[6362](#)

Protein Accession#	P55774
Gene Name	CCL18
Gene Alias	AMAC-1, AMAC1, CKb7, DC-CK1, DCCK1, MIP-4, PARC, SCYA18
Gene Description	chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated)
Omim ID	603757
Gene Ontology	Hyperlink
Gene Summary	This 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. [provided by RefSeq]
Other Designations	CC chemokine ligand 18 alternative macrophage activation-associated CC chemokine 1 chemokine (C-C), dendritic dendritic cell chemokine 1 macrophage inflammatory protein 4 pulmonary and activation-regulated chemokine small inducible cytokine A18 small indu

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)

- [Glioma](#)
- [Infant](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Respiratory Syncytial Virus Infections](#)