

Bioactive

CCL17 (Human) Recombinant Protein

Catalog # P3667

Size 20 ug

Specification

Product Description	Human CCL17 (Q92583, 24 a.a. - 94 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	ARGTNVGRECCLEYFKGAIPRLKLTWYQTSEDCSRDAMFVTVQGRAICSDPNNKRVKNAVKYL QSLERS
Host	Escherichia coli
Theoretical MW (kDa)	8
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Ion exchange column and HPLC reverse phase column
Purity	> 90% by SDS-PAGE and HPLC
Endotoxin Level	< 0.1 ng/ug (1 EU/ug)
Activity	Determined by the ability to chemoattract human T cells using a concentration range of 2.0-40.0 ng/ml.
Storage Buffer	Lyophilized from 20 mM PB, 100 mM NaCl, pH 7.5
Storage Instruction	Store at -20°C on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4°C for 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — CCL17

Entrez GeneID	6361
Protein Accession#	Q92583
Gene Name	CCL17
Gene Alias	A-152E5.3, ABCD-2, MGC138271, MGC138273, SCYA17, TARC
Gene Description	chemokine (C-C motif) ligand 17
Omim ID	601520
Gene Ontology	Hyperlink
Gene Summary	This gene is one of several Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 16. 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 T lymphocytes, but not monocytes or granulocytes. The product of this gene binds to chemokine receptors CCR4 and CCR8. This chemokine plays important roles in T cell development in thymus as well as in trafficking and activation of mature T cells. [provided by RefSeq]
Other Designations	OTTHUMP00000164673 T cell-directed CC chemokine small inducible cytokine A17 small inducible cytokine subfamily A (Cys-Cys), member 17 thymus and activation-regulated chemokine

Pathway

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

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Dermatitis](#)
- [Eosinophilia](#)
- [Genetic Predisposition to Disease](#)

- [Infant](#)
- [Multiple Sclerosis](#)
- [Respiratory Syncytial Virus Infections](#)