

Bioactive

CCL17 (Human) Recombinant Protein

Catalog # P7216

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	ARGTNVGRECCLEYFKGAIPRLRKLKTWYQTSEDCSRDAMFVTVQGRAICSDPNNKRVKNAVKYL QSLERS
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	8.1
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 97% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The biological activity determined by a chemotaxis bioassay using human T-lymphocytes is in a concentration range of 1.0 - 10.0 ng/ml.
Storage Buffer	Lyophilized from sterile distilled Water up to 0.1 - 1.0 mg/ml
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. 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](#)