

# Recombinant human CCL17/TARC protein

Catalog Number: ATGP0367

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

24-94aa

### UniProt No.

Q92583

### NCBI Accession No.

NP\_002978

### Alternative Names

Chemokine (C-C motif) ligand 17, A-152E5.3, ABCD-2, SCYA17, TARC, Chemokine (C-C motif) ligand 17 A152E53, ABCD2, CC Chemokine TARC, CCL17, Chemokine CC Motif Ligand 17, MGC138271, MGC138273, Small Inducible Cytokine A17, Small Inducible Cytokine A17 Precursor, Small Inducible Cytokine Subfamily A (Cys Cys), Small Inducible Cytokine Subfamily A (Cys Cys) Member 17, T Cell Directed CC Chemokine, Thymus and activation regulated chemokine,

## PRODUCT SPECIFICATION

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### Molecular Weight

10.3 kDa (92aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

### Purity

> 95% by SDS-PAGE

### Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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## Recombinant human CCL17/TARC protein

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### Description

CCL17 is a small cytokine belonging to the CC chemokine family that is also known as thymus and activation regulated chemokine (TARC). This protein is involved in immunoregulatory and inflammatory processes. It is expressed constitutively in thymus, but only transiently in phytohemagglutinin-stimulated peripheral blood mononuclear cells. It specifically binds and induces chemotaxis in T cells and elicits its effects by interacting with the chemokine receptor CCR4. CCL17 was expressed in *E. coli* and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MARGTNVGRE CCLEYFKGAI PLRKLKTWYQ TSEDCSRDAI VFVTVQGRAI CSDPNNKRVK  
NAVKYLQSLE RS

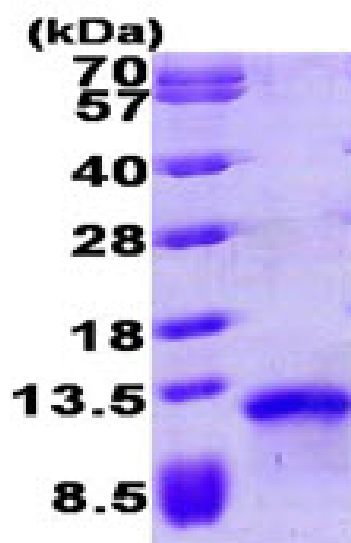
### General References

Imai T., et al. (1996) *J Biol Chem.* 271 (35): 21514-21.

Kakinuma T., et al. (2002) *Cytokine.* (1):1-6.

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)