

# Human CCL17 / TARC Protein, Tag Free (HPLC verified)

Catalog # CC7-H5113



BIOSYSTEMS  
**Acro**

## Synonym

TARC, ABCD-2, SCYA17, A-152E5.3

## Source

Human CCL17 Protein, Tag Free (CC7-H5113) is expressed from *E. coli* cells. It contains AA Ala 24 - Ser 94 (Accession # [Q92583](#)).

Predicted N-terminus: Ala 24

## Molecular Characterization

CCL17(Ala 24 - Ser 94)  
Q92583

This protein carries no "tag".

The protein has a calculated MW of 8.1 kDa. The protein migrates as 8 kDa when calibrated against [Star Ribbon Pre-stained Protein Marker](#) under reducing (R) condition (SDS-PAGE).

## Purity

>90% as determined by SDS-PAGE.

>90% as determined by SEC-HPLC.

## Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 0.5 M Arginine with trehalose as protectant.

Contact us for customized product form or formulation.

## Reconstitution

Please see Certificate of Analysis for specific instructions.

**For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.**

## Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

**Please avoid repeated freeze-thaw cycles.**

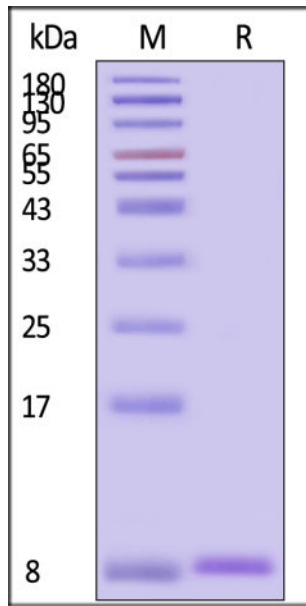
This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

## ACRO Quality Management System

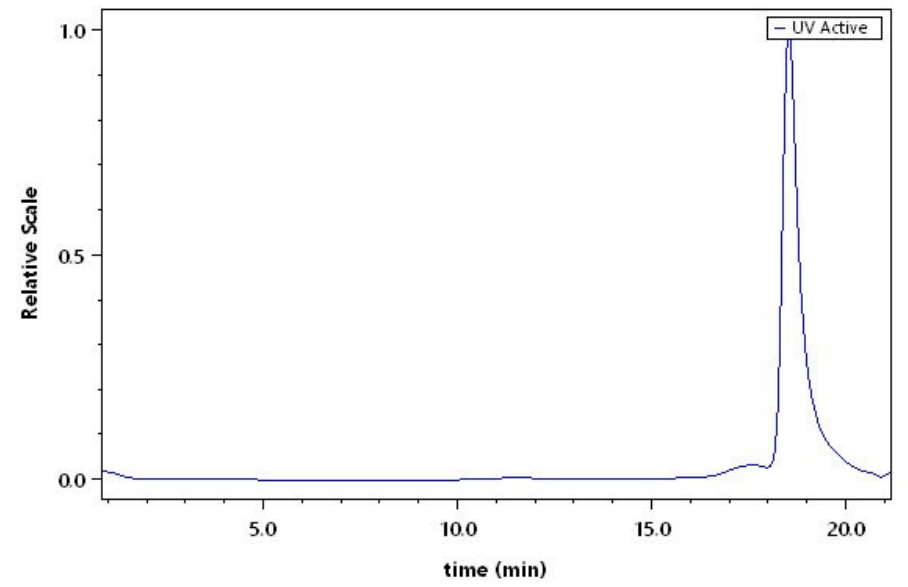
- [QMS\(ISO, GMP\)](#)
- [Quality Advantages](#)
- [Quality Control Process](#)

## SDS-PAGE



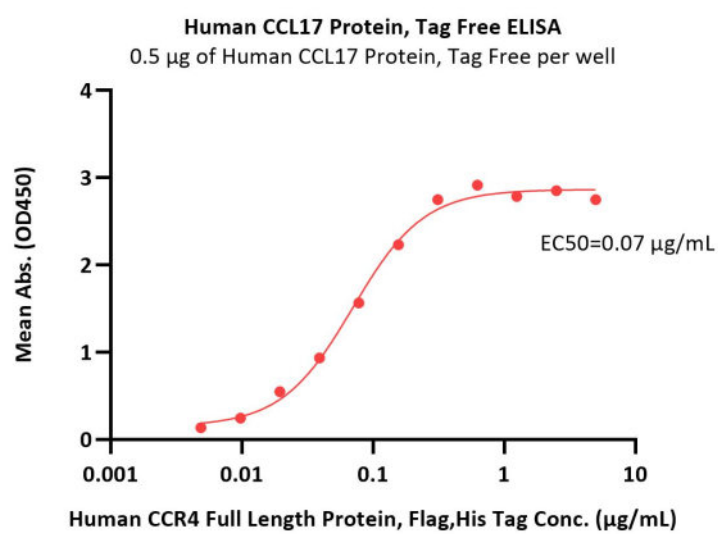
Human CCL17 Protein, Tag Free on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With [Star Ribbon Pre-stained Protein Marker](#)).

## SEC-HPLC



The purity of Human CCL17 Protein, Tag Free (Cat. No. CC7-H5113) was greater than 90% as determined by SEC-HPLC.

## Bioactivity-ELISA



Immobilized Human CCL17 Protein, Tag Free (Cat. No. CC7-H5113) at 5 µg/mL (100 µL/well) can bind Human CCR4 Full Length Protein, Flag,His Tag (Cat. No. CC4-H52D3) with a linear range of 0.005-0.313 µg/mL (QC tested).

## Background

This antimicrobial 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.

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