

Datasheet for ABIN7597405

## CCL22 Protein (AA 25-93) (Fc Tag)



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### Overview

Quantity:	10 µg
Target:	CCL22
Protein Characteristics:	AA 25-93
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCL22 protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant human CCL22 Protein with C-terminal human Fc tag
Sequence:	CCL22(Gly25-Gln93) hFc(Glu99-Ala330)
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

### Target Details

Target:	CCL22
Alternative Name:	CCL22 ( <a href="#">CCL22 Products</a> )
Background:	<p>MDC, ABCD-1, SCYA22, STCP-1, DC/B-CK, A-152E5.1</p> <p>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</p>

## Target Details

cysteines. The cytokine encoded by this gene displays chemotactic activity for monocytes, dendritic cells, natural killer cells and for chronically activated T lymphocytes. It also displays a mild activity for primary activated T lymphocytes and has no chemoattractant activity for neutrophils, eosinophils and resting T lymphocytes. The product of this gene binds to chemokine receptor CCR4. This chemokine may play a role in the trafficking of activated T lymphocytes to inflammatory sites and other aspects of activated T lymphocyte physiology. [provided by RefSeq, Sep 2014]

**Molecular Weight:** predicted molecular mass of 34.2 kDa after removal of the signal peptide. The apparent molecular mass of CCL22-hFc is 35-55 kDa due to glycosylation.

**UniProt:** [O00626](#)

## Application Details

**Application Notes:** Extracellular Domain Proteins (ECD) can be used as:

- Immunogens for antibody drug development
- Reagents used for CAR-T positive cell monitoring
- Reagents for antibody screening and functional testing
- Reagents for antibody affinity measurement

**Comment:** The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

**Buffer:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.

**Storage:** -20 °C, -80 °C

**Storage Comment:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

**Expiry Date:** 12 months