

[Go to Product page](#)

## Datasheet for ABIN7504996 CCL5 Protein (AA 24-91)

### Overview

Quantity:	100 µg
Target:	CCL5
Protein Characteristics:	AA 24-91
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### Product Details

Sequence:	Ser24-Ser91
Characteristics:	A DNA sequence encoding the Human CCL5/RANTES Protein(P13501)(Ser24-Ser91)was expressed with N-SUMO&C-His tag.
Purity:	>90 % as determined by reducing SDS-PAGE.

### Target Details

Target:	CCL5
Alternative Name:	CCL5 ( <a href="#">CCL5 Products</a> )
Background:	Background: Chemoattractant for blood monocytes, memory T-helper cells and eosinophils. Causes the release of histamine from basophils and activates eosinophils. May activate several chemokine receptors including CCR1, CCR3, CCR4 and CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant RANTES protein induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus

## Target Details

(SIV). The processed form RANTES(3-68) acts as a natural chemotaxis inhibitor and is a more potent inhibitor of HIV-1-infection. The second processed form RANTES(4-68) exhibits reduced chemotactic and HIV-suppressive activity compared with RANTES(1-68) and RANTES(3-68) and is generated by an unidentified enzyme associated with monocytes and neutrophils

Synonym: C-C motif chemokine 5,EoCP,Eosinophil chemotactic cytokine,SIS-delta,Small-inducible cytokine A5,T cell-specific protein P228,TCP228,T-cell-specific protein RANTES,D17S136E, SCYA5

Molecular Weight:	22.3 kDa
UniProt:	<a href="#">P13501</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Smooth Muscle Cell Migration</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4., 5 % trehalose, 5 % mannitol, 0.01 % tween-80.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months