

**Animal-Free Recombinant Human RANTES (CCL5)**  
**Catalog # PBG10540****Specification**

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**Animal-Free Recombinant Human RANTES (CCL5) - Product Information****Animal-Free Recombinant Human RANTES (CCL5) - Additional Information****Description**

RANTES is a CC-chemokine that can signal through the CCR1, CCR3, CCR5 and US28 (cytomegalovirus receptor) receptors. It is a chemoattractant towards monocytes, memory T cells (CD4+/CD45RO), basophils, and eosinophils. RANTES also has the capability to inhibit certain strains of HIV-1, HIV-2 and simian immunodeficiency virus (SIV). Recombinant human RANTES is a 7.8 kDa protein containing 68 amino acid residues including the four highly conserved cysteine residues present in the CC chemokines.

**Biological Activity**

Determined by its ability to chemoattract human blood monocytes using a concentration range of 1.0-10.0 ng/ml.

**Authenticity**

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

**Endotoxin**

Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

**Protein Content**

Verified by UV Spectroscopy and/or SDS-PAGE gel.

**Storage**

-20°C

**Precautions**

Animal-Free Recombinant Human RANTES (CCL5) is for research use only and not for use in diagnostic or therapeutic procedures.

**Animal-Free Recombinant Human RANTES (CCL5) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Animal-Free Recombinant Human RANTES (CCL5) - Images**