

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

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