

## **Recombinant Murine RANTES (CCL5)**

Catalog # PBG10375

# **Specification**

# Recombinant Murine RANTES (CCL5) - Product Information

## Recombinant Murine 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 murine 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 total human lymphocyte population and total murine T cell population 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  $<0.1 \text{ ng}/\mu\text{g}$  of protein ( $<1\text{EU}/\mu\text{g}$ ).

#### **Protein Content**

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

#### Storage

-20°C

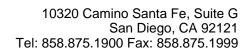
## **Precautions**

Recombinant Murine RANTES (CCL5) is for research use only and not for use in diagnostic or therapeutic procedures.

# Recombinant Murine 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 Cytomety
- Cell Culture





Recombinant Murine RANTES (CCL5) - Images