

# Recombinant Murine MIP-1y (CCL9/CCL10)

Catalog # PBG10310

# **Specification**

# Recombinant Murine MIP-1y (CCL9/CCL10) - Product Information

# Recombinant Murine MIP-1γ (CCL9/CCL10) - Additional Information

## **Description**

MIP-1 $\gamma$  is a CC chemokine found in murine blood and a wide variety of murine tissues, with no known human homolog. MIP-1 $\gamma$  signals through the CCR1 receptor. MIP-1 $\gamma$  chemoattracts neutrophils and also inhibits colony formation of bone marrow myeloid immature progenitors. MIP-1 $\gamma$  contains six cysteines including the four highly conserved cysteine residues present in CC chemokines. Recombinant murine MIP-1 $\gamma$  is an 11.6 kDa protein containing 101 amino acid residues.

## **Biological**Activity

Determined by its ability to chemoattract human neutrophils using a concentration range of 0.1-10.0 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 MIP-1 $\gamma$  (CCL9/CCL10) is for research use only and not for use in diagnostic or therapeutic procedures.

# Recombinant Murine MIP-1γ (CCL9/CCL10) - 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 MIP-1γ (CCL9/CCL10) - Images