# antibodies -online.com







# **CCL3 Protein**

**Images** 



#### Overview

Quantity:	5 μg
Target:	CCL3
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### **Product Details**

Characteristics:	LD78a, Macrophage inflammatory protein 1-alpha (MIP-1-alpha)
Purification:	Macrophage Inflammatory protein-1 alpha (CCL3) purity was determined to be greater than
	95% as determined by analysis by UV-Spectroscopy at 280nm and by reducing and non-
	reducing SDS-pAGE.
Endotoxin Level:	Low endotoxin

# Target Details

Target:	CCL3
Alternative Name:	MIP-1 alpha (CCL3) (CCL3 Products)
UniProt:	P50229
Pathways:	Cellular Response to Molecule of Bacterial Origin, Autophagy

# **Application Details**

Application Notes:	Application Note: Macrophage Inflammatory Protein-1 alpha Recombinant Protein is suitable as

a control for polyclonal or monoclonal anti-Macrophage Inflammatory Protein-1 alpha in immunological assays.

Other Performance Data: Endotoxin Level: Measured by kinetic LAL analysis and is typically  $\leq 1$  EU/µg protein. Biologic Activity: The activity is determined by the ability to chemoattract human PBMCs at 1-10 ng/mL.

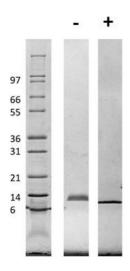
Restrictions:

For Research Use only

## Handling

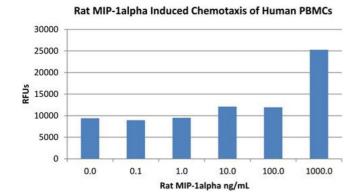
Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 5 μL (5-50 μL)
	Reconstitution Buffer: Restore with deionized water (or equivalent)
Buffer:	Buffer: 0.1 % Trifluoroacetic acid
Preservative:	Without preservative
Storage:	RT,4 °C,-20 °C
Expiry Date:	6 months

## **Images**



#### **SDS-PAGE**

Image 1. SDS-PAGE of Rat Macrophage Inflammatory Protein-1 alpha (CCL3) Recombinant Protein SDS-PAGE of Rat Macrophage Inflammatory Protein-1 alpha (CCL3) Recombinant Protein. Lane 1: Molecular weight marker. Lane 2: 1 μg Rat MIP-1 in non-reducing conditions . Lane 3: 1 μg Rat MIP-1 in reducing conditions (+). Rat MIP-1 alpha has a predicted MW of 7.8 kDa.



#### **SDS-PAGE**

Image 2. SDS-PAGE of Rat Macrophage Inflammatory Protein-1 alpha (CCL3) Recombinant Protein Bioactivity of Rat Macrophage Inflammatory Protein-1 alpha (CCL3) Recombinant Protein. Human PBMCs were allowed to migrate to Rat MIP-1 alpha at (0, 0.19, 0.78, 3.1, 12.5 and 200 ng/mL). After 4 hours, cells that migrated were counted using a luminescent substrate and displayed on the bar graph above. Significant increases in migration over basal levels were seen in response to Rat MIP-1 alpha starting at 10 ng/mL. This value is comparable to expected ranges of a chemotactic response of primary human monocytes.