

# Recombinant Murine IL-17 (IL-17A)

Catalog # PBG10199

# **Specification**

## Recombinant Murine IL-17 (IL-17A) - Product Information

### Recombinant Murine IL-17 (IL-17A) - Additional Information

# **Description**

The originally described IL-17 protein, now known as IL-17A, is a disulfide linked homodimer, secreted by activated T-cells that act on stromal cells to induce production of proinflammatory and hematopoietic bioactive molecules. Today, IL-17 represents a family of structurally-related cytokines that share a highly conserved C-terminal region but differ from one another in their N-terminal regions and in their distinct biological roles. The six known members of this family, IL-17A through IL-17F, are secreted as homodimers. IL-17A exhibits cross-species bioactivity between human and murine cells. Recombinant murine IL-17A is a 30.0 kDa disulfide-linked homodimer of two 133 amino acid polypeptide chains.

# **Biological**Activity

Measured by its ability to induce IL-6 production by NIH 3T3 cells.

#### **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

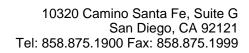
## **Precautions**

Recombinant Murine IL-17 (IL-17A) is for research use only and not for use in diagnostic or therapeutic procedures.

### Recombinant Murine IL-17 (IL-17A) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety





• Cell Culture

Recombinant Murine IL-17 (IL-17A) - Images