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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.

BiologicalActivity
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 ng/ µg of protein (<1EU/ µg).

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
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

- Cell Culture

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