

Recombinant Rat IL-10

Catalog # PBG10182

Specification

Recombinant Rat IL-10 - Product Information

Recombinant Rat IL-10 - Additional Information

Description

IL-10 is an immunosuppressive cytokine produced by a variety of mammalian cell types including macrophages, monocytes, T cells, B cells and keratinocytes. IL-10 inhibits the expression of proinflammatory cytokines such as IL-1 and TNF α . Like IL-4, IL-10 enhances humoral immune responses and attenuates cell-mediated immune reactions. Human IL-10 active on murine cells, but murine IL-10 is inactive on human cells. Recombinant rat IL-10 is an 18.7 kDa protein of 160 amino acid residues.

BiologicalActivity

The ED₅₀ as determined by the dose-dependent inhibition of antigen-specific T cell proliferation is \le 10ng/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

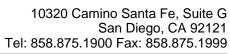
Precautions

Recombinant Rat IL-10 is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Rat IL-10 - 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 Rat IL-10 - Images