

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.

Biological Activity

The **ED₅₀** as determined by the dose-dependent inhibition of antigen-specific T cell proliferation is ≤ 10 ng/ml.

Authenticity

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin

Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ 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 Cytometry](#)
- [Cell Culture](#)

Recombinant Rat IL-10 - Images