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Recombinant Rat IL-15
Catalog # PBG10196

Specification

Recombinant Rat IL-15 - Product Information

Recombinant Rat IL-15 - Additional Information

Description
IL-15 is an immunomodulating cytokine that stimulates the proliferation of T lymphocytes and shares many biological properties with IL-2. IL-15 exerts its biological activites primarily on T cells. It is also essential in the development, survival and activation of NK cells. Increased expression of IL-15 has been implicated with rheumatoid arthritis, inflammatory bowl disease and diseases affiliated with retroviruses HIV and HTLV-I. Human IL-15 is biologically active on M cells as measured by the dose-dependent stimulation of the proliferation of M CTLL cells. Recombinant rat IL-15 is a 13.5 kDa protein consisting of 115 amino acid residues.

BiologicalActivity
The ED₅₀ as determined by the dose-dependant stimulation of the proliferation of murine CTLL-2 cells is < 10 ng/ml, corresponding to a specific activity of > 1 x 10⁵ units/mg.

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 Rat IL-15 is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Rat IL-15 - 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-15 - Images