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Recombinant Human IL -23
Catalog # PBG10222

Specification

Recombinant Human IL -23 - Product Information

Recombinant Human IL -23 - Additional Information

Description
IL-23 is a proinflammatory heterodimeric protein composed of two subunits, a unique p19 subunit and a p40 subunit, which is shared with IL-12. IL-23 is secreted by activated dendritic cells and macrophages, and signals though a receptor comprised of IL-23R complexed with IL-12Rβ2. IL-23 has been shown to enhance proliferation of memory T cells. It also stimulates the production of IFN-γ in NK cells, induces IL-17 production, and drives Th17 mediated responses. Recombinant IL-23 is a 53.5 kDa heterodimeric protein consisting of two subunits, p19 (170 amino acids) and p40 (306 amino acids).*Manufactured using BTI-Tn-5B1-4 cells under license from the Boyce Thompson Institute for Plant Research, Inc.

BiologicalActivity
Measured by its ability to induce IL-17 secretion by M splenocytes.

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 Human IL -23 is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human IL -23 - 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 Human IL -23 - Images