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Recombinant Human IFN-ω
Catalog # PBG10169

Specification

Recombinant Human IFN-ω - Product Information

Recombinant Human IFN-ω - Additional Information

Description
IFN-ω is a type I interferon, which can be induced by virus-infected leukocytes. Members of the type I interferon family, which includes IFN-α, IFN-β, and IFN-ω, signal through IFNAR-1/IFNAR-2 receptor complex, and exert antiviral and antiproliferative activities. IFN-ω exhibits about 75% sequence homology with IFN-α, and contains two conserved disulfide bonds, which are necessary for full biological activity. Recombinant Human IFN-ω is a 19.9 kDa protein consisting of 172 amino acid residues.

BiologicalActivity
The ED₅₀ was determined by a cytotoxicity assay using Human TF-1 cells is ≤ 0.01 ng/ml, corresponding to a specific activity of ≥ 1 x 10⁸ 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 Human IFN-ω is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human IFN-ω - 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

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Recombinant Human IFN-ω - Images