

Human IFN- Ω Protein, His tag (Animal-Free)

Cat #: PRP1125

Size: 5 μ g/20 μ g/100 μ g/1 mg

Product Information

	Product Name: Human IFN- Ω Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1125	LOT	Lot Number: Refer to product label
	Purity: > 95 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: E.coli
	Shipping: The product is shipped at ambient temperature.		

Background: IFNs is a protein family with antiviral, antiproliferative and immunomodulatory effects. According to the difference of receptor binding and nucleotide sequence, IFNS can be divided into two categories, type I and type II. Type I IFN is composed of IFN α , β , τ and ω and binds to type I IFN receptor, while IFN- γ is the only type II IFN and has specificity for type II IFN receptor.

Sequence: Amino acid sequence derived from Human IFN- Ω (Cys24-Ser195) (P05000) was expressed with 6×His tag at the C-terminus.

Protein length: The recombinant Human IFN- Ω consists of 172 amino acids and predicts a molecular mass of 20.1 kDa.

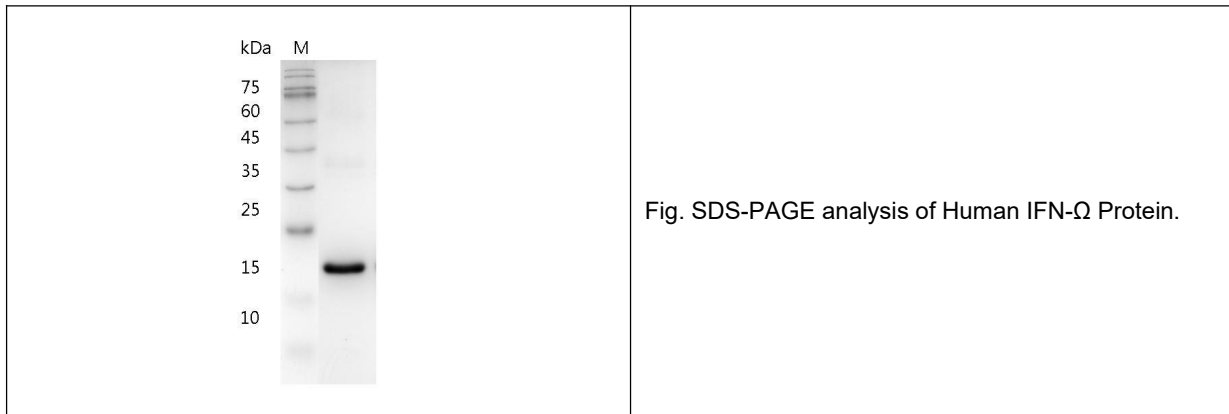
Biological Activity: Measured by its ability to induce cytotoxicity in TF-1 cells. The ED₅₀ for this effect is <0.02 ng/mL.

Endotoxin: <0.1 EU per 1 μ g of the protein by the LAL method.

Formulation: Lyophilized from PBS, pH 7.4.

Storage Instructions: Lyophilized protein product should be stored desiccated below -18°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (5% HSA, 10%FBS or 0.1%BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant protein to a concentration of 0.1-1 mg/mL using the buffer we provided, and keep at room temperature for at least 20 min to fully dissolve. Please avoid vortex vigorously.



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