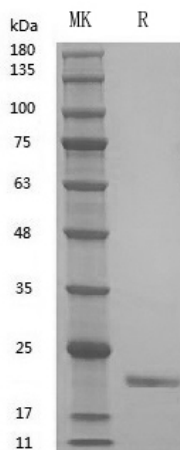


Summary

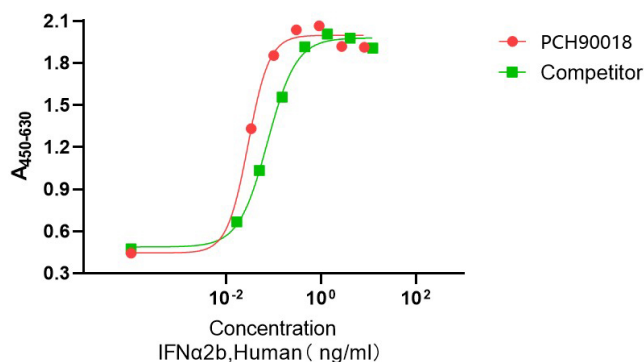
Name	IFN α 2b
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	≤ 10 EU/mg
Construction	Recombinant Human IFN α 2b is produced by our Mammalian cell expression system and the target gene encoding Cys24-Glu188 is expressed.
Accession #	P01563
Tag	Tag free
Host	Mammalian cell
Species	Human
Predicted MW	19.2 kDa
Form	Lyophilized
Buffer	PBS, 5% mannitol and 0.01% Tween 80, pH7.4
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Store at $\leq -70^{\circ}\text{C}$, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu\text{g}/\text{ml}$. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu\text{g}/\text{ml}$. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

Product Name: GMP Recombinant Human IFN α 2b
Catalog#: PCH90018



Bioactivity image



The ED50 for this effect is ≤ 100 pg/mL, corresponding to a specific activity is $\geq 1 \times 10^7$ units/mg.

Background

Alternative Names

Interferon Alpha-2; IFN-Alpha-2; Interferon Alpha-A; LeIF A; IFNA2

References

At least 23 different variants of IFN- α are known. The individual proteins have molecular masses between 19-26 kDa and consist of proteins with lengths of 156-166 and 172 amino acids. All IFN- α subtypes possess a common conserved sequence region between amino acid positions 115-151 while the amino-terminal ends are variable. Many IFN- α subtypes only differ in their sequences by one or two positions. Naturally occurring variants also include proteins truncated by 10 amino acids at the carboxy-terminal end.

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Note

For research use only .