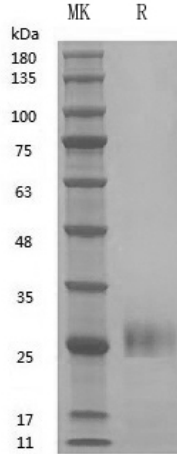


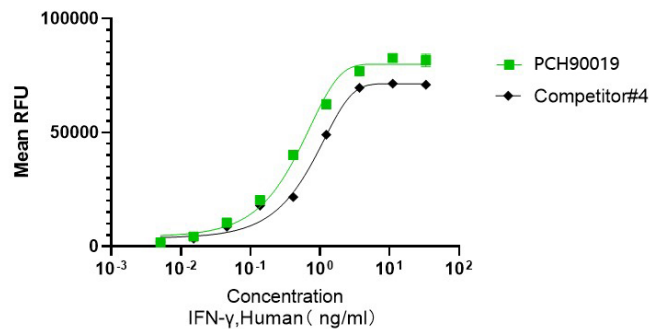
Summary

| | |
|------------------------------|---|
| Name | IFN γ |
| Purity | Greater than 95% as determined by reducing SDS-PAGE |
| Endotoxin level | ≤ 10 EU/mg |
| Construction | Recombinant Human IFN γ is produced by our Mammalian cell expression system and the target gene encoding Gln24-Gln166 is expressed. |
| Accession # | P01579 |
| Tag | Tag free |
| Host | Mammalian cell |
| Species | Human |
| Predicted MW | 16.8 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



Bioactivity image



The ED50 for this effect is ≤ 2 ng/mL.

Background

Alternative Names

Interferon Gamma; IFN-Gamma; Immune Interferon; IFNG

References

IFN γ is the major interferon produced by mitogenically or antigenically stimulated lymphocytes. It is structurally different from type I interferon and its major activity is immunoregulation. It has been implicated in the expression of class II histocompatibility antigens in cells that do not normally produce them, leading to autoimmune disease. Interferon gamma is produced mainly by T-cells and natural killer cells activated by antigens, mitogens, or alloantigens. It is produced by lymphocytes expressing the surface antigens CD4 and CD8. IFN γ synthesis is induced by IL-2, FGF-basic, and EGF.

Product Name: GMP Recombinant Human IFN γ
Catalog#: PCH90019



Note

For research use only .