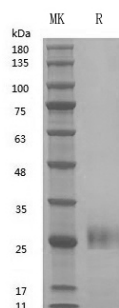


Product Name: Recombinant Human IFN γ
Catalog #: PCH2515

Summary

Name	IFN γ
Purity	Greater than 98% 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
Host	Human Cells
Species	Human
Predicted Molecular Mass	16.8 kDa
Formulation	Lyophilized From PBS,5% mannitol and 0.01% Tween 80, pH7.4
Shipping	The product is shipped on dry ice/polar packs.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.

SDS-PAGE image



Background

Product Name: Recombinant Human IFN γ
Catalog #: PCH2515



Alternative Names

Interferon Gamma; IFN-Gamma; Immune Interferon; IFNG

Background

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.

Note

For Research Use Only , Not for Diagnostic Use.