

Recombinant Human IFN γ

Catalog Number: Y01801

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human IFN γ (Gln24-Gln166) Accession # P01579
Predicted molecular mass	16.8 kDa

Specification:

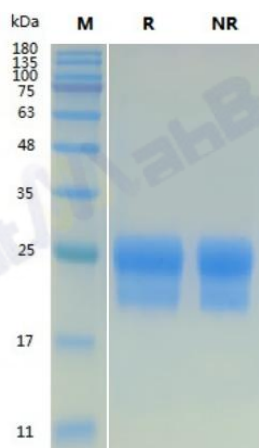
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	$\geq 95\%$, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤ 10 EU/mg by the LAL method
Activity	Measured in a cell proliferation assay using Mo7e human leukemia cell line. The ED ₅₀ for this effect is ≤ 2 ng/mL, corresponding to a specific activity of $\geq 2 \times 10^7$ units/mg.
Formulation	Lyophilized from a 0.22 μ m-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4
Size	50 μ g/vial, 1 mg/vial

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	The product is shipped with blue ice.
Storage & Stability	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

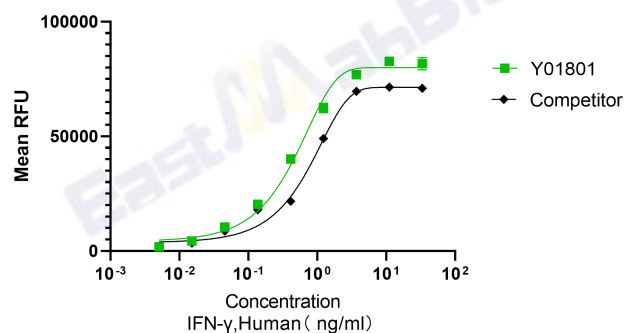
Data:

SDS-PAGE



Recombinant Human IFN γ (Cat. No. Y01801) SDS-PAGE under reducing (R) & Non-reducing conditions. The gel was stained with Coomassie Brilliant Blue G250.

Bioactivity



Recombinant Human IFN γ (Cat. No. Y01801) stimulates proliferation of Mo7e cells. The ED₅₀ for this effect is ≤ 2 ng/mL. The activity of Y01801 was higher than the other competing product.

Bioactivity

