

Recombinant Human IFN- γ (*E.Coli*-expressed)

Catalog Number: Y01821H

Characteristics:

Source	<i>E.coli</i>
Description	Human IFN- γ (Gln24-Gln166) Accession # P01579
Predicted molecular mass	16.8kDa

Specification:

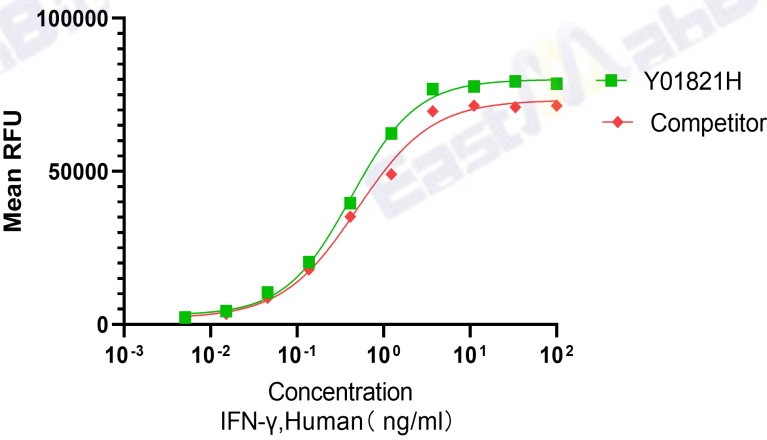
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	$\geq 95\%$, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤ 10 EU/mg by the LAL method
Activity	Measured in a cell proliferation assay using Mo7e human leukemia cell line. 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 10mM PB, 5% Trehalose and 0.01% Tween 80, pH7.4
Size	10 μ g/vial, 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:

Bioactivity



Measured in a cell proliferation assay using Mo7e cells.