

Recombinant Human IFN- 2b

Cat. No.:MGC035 size : 50 μ g / 1mg

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human IFN- α 2b (Cys24-Glu188) Accession # P01563
Predicted molecular mass	19.2 kDa

Specification:

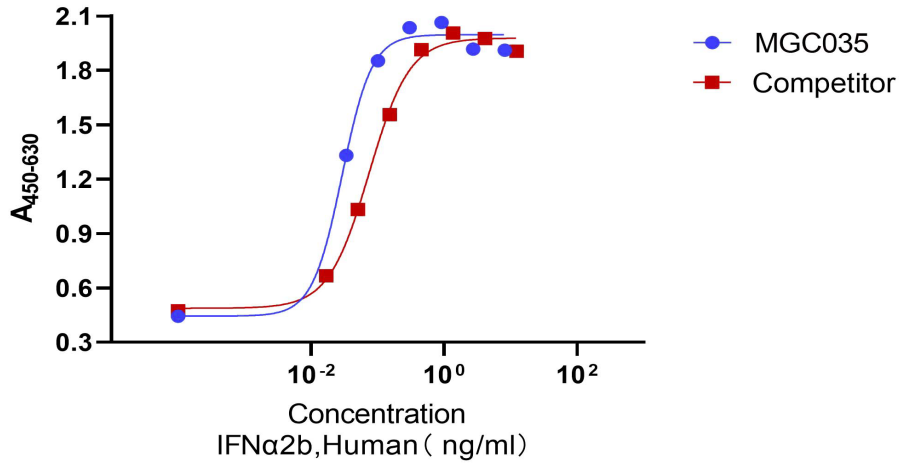
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	\geq 95%, by SDS-PAGE (under reducing (R)&Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	\leq 0.01EU/ μ g by the LAL method
Activity	Measured in a VSV inhibition assay with Wish cells. The ED ₅₀ this effect is \leq 100 pg/mL, corresponding to a specific activity is \geq 2 \times 10 ⁸ units/mg.
Formulation	Lyophilized from a 0.22 μ m-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH7.4

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	Wet ice (seasonal)
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 VSV inhibition assay with Wish cells. The ED_{50} this effect is ≤ 100 pg/mL, corresponding to a specific activity is $\geq 2 \times 10^8$ units/mg. The activity of MGC035 was higher than the other competing product.