
Recombinant Human IFN- α 2b

Catalog Number : mly06301

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 ≤ 10 EU/mg by the LAL method

Activity 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.

Formulation Lyophilized from a 0.22 μ m filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH7.4

Handling and Storage:

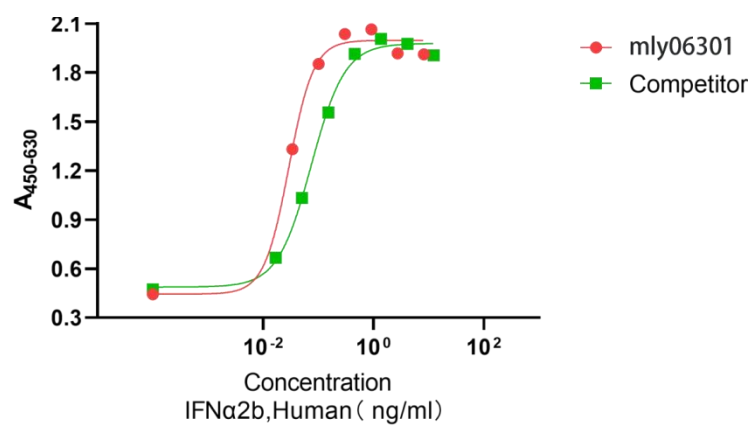
Reconstitution It is recommended to redissolve in sterile deionized water.

Shipping 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 VSV inhibition assay with Wish cells. The ED₅₀ this effect is ≤ 100 pg/mL, corresponding to a specific activity is $\geq 2 \times 10^8$ units/mg. The activity of mly06301 was higher than the other competing product.