

Recombinant Human IFN- α 2b

Catalog Number: Y06301

Characteristics:

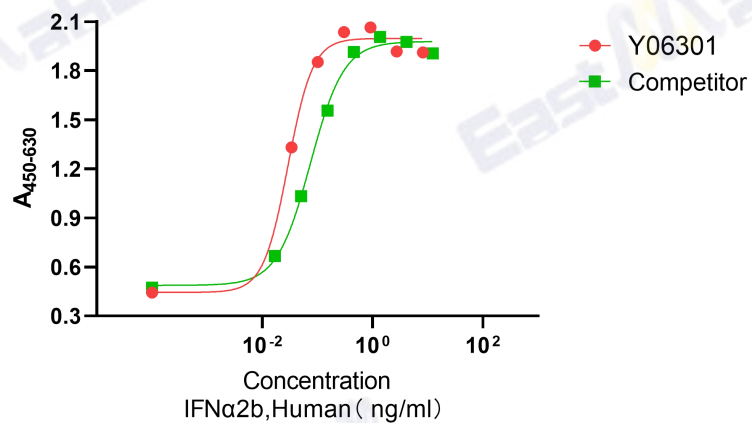
Source	Chinese Hamster Ovary cell line
Description	Human IFN- α 2b (Cys24-Glu188) Accession # P01563
Predicted molecular mass	19.2 kDa

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
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:**Bioactivity**

Measured in a VSV inhibition assay with Wish cells. The ED₅₀ this effect is ≤100 pg/mL, corresponding to a specific activity is ≥2 ×10⁸ units/mg. The activity of Y06301 was higher than the other competing product.