

## Recombinant Human IFN- $\alpha$ 2b

**Catalog Number: OM643796**

### Characteristics:

**Source** Chinese Hamster Ovary cell line

**Description** Human IFN- $\alpha$ 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**  $\leq 10$  EU/mg 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  $\geq 1 \times 10^7$  units/mg.

**Formulation** Lyophilized from a 0.2  $\mu$ m filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH7.4

**Size** 50  $\mu$ g/vial, 1 mg/vial

### Handling and Storage:

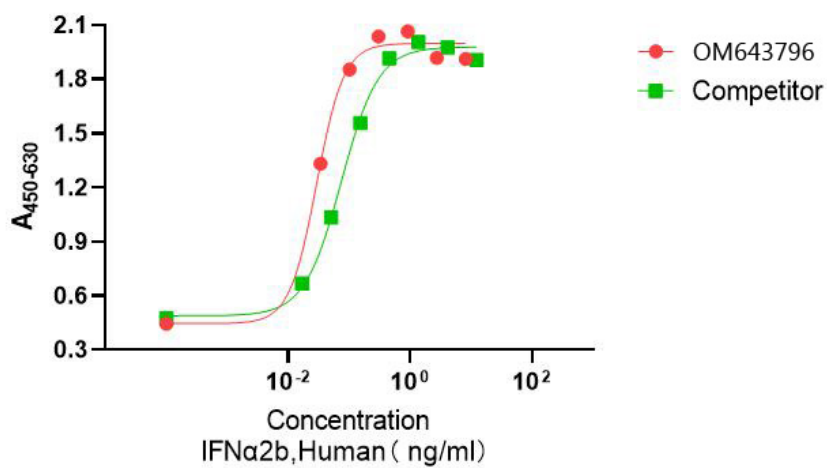
**Reconstitution** It is recommended to redissolve in sterile deionized water.

**Shipping** The product is shipped with blue ice

**Storage & Stability** 36 months at 2°C to 8°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  $\leq 100$  pg/mL, corresponding to a specific activity is  $\geq 1 \times 10^7$  units/mg. The activity of OM643796 was higher than the other competing product.