

## Recombinant Human IFN- $\alpha$ 1b

Cat.No.:MGC163      size:10 $\mu$ g/50 $\mu$ g/500 $\mu$ g

### Characteristics:

**Source**

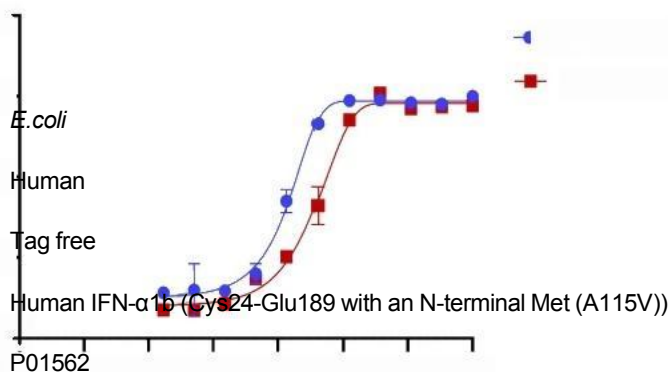
**Species**

**Tag**

**Description**

**Accession#**

**Predicted molecular mass**



~19.5 kDa. It is composed of one non-glycosylated polypeptide chain containing 167 amino acids

### Specification:

**Appearance**

White powder, Colorless clear liquid after reconstitution

**Purity**

≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)

**Endotoxin**

< 0.1 EU/ $\mu$ g

**Activity**

The specific activity determined by an anti-viral assay is no less than  $1.0 \times 10^8$  IU/mg.

**Formulation**

0.2  $\mu$ m-filtered solution containing 20 mM PB, with 300 mM NaCl, 5% (v/v) Trehalose 0.01% (v/v) Tween-80, 1mM DTT.

### Handling and Storage:

**Reconstitution**

It is recommended to redissolve in sterile deionized water.

细胞因子溶解、稀释、保存可使用即用型专用溶剂套装—PWL240 (1mL无菌水+10mL稀释液)

**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.**