



## IFN- $\gamma$ (Interferon-gamma)

**Catalog No.** PY-20090

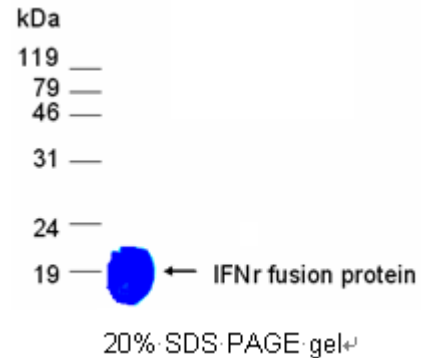
**Scale:** 1 mg

**Form:** lyophilized protein

### Target description

The cytokine IFN- $\gamma$  belongs to the family of interferons, which are closely related by their ability to protect cells from viral infections. Based on several criteria, the IFN molecules have been divided into two distinct classes. The first class is named type I IFN and includes the IFN- $\alpha$  and IFN- $\beta$  molecules, which are the classical interferons induced in response to viral infections. The second class is solely composed by IFN- $\gamma$  (also termed type II or immune IFN), which is not related to the type I IFN at both the genetic and the protein levels. Although IFN- $\gamma$  displays most of the biologic activities that have been described to the other IFN, it has a lower specific antiviral activity, but presents more immunomodulatory properties than the type I interferons.

### SDS PAGE analysis (Commassie blue staining)



### Products

**E. coli derived IFN- $\gamma$  (aa. 62-123) fusion protein with His tag**

### Comments

**Protein ID : GI:1846398**

**Fusion tag : 4kDa (His-tag)**

**Purity : > 90%**

**Fusion protein size : 15 kDa**

### Storage

Redissolve the powder with 1ml sterile water will restore to the original concentration 1mg/ml. For long-term storage at -20°C. Aliquot to avoid repeated freezing and thawing.

### Application

Dilute with 1XPBS for Western blot, ELISA test antigen, Immunogen