

**IFN- $\lambda$ 1/ IL-29 (C-10His), Human, Recombinant**

货号：PCK159

## 产品信息

|      |                                                                                                  |
|------|--------------------------------------------------------------------------------------------------|
| 别名   | Interferon lambda-1; IFN-lambda-1; Cytokine Zcyto21; Interleukin-29; IL-29; IFNL1; IL29; ZCYTO21 |
| 物种   | Human                                                                                            |
| 表达宿主 | Human Cells                                                                                      |
| 序列信息 | Gly20-Thr200                                                                                     |
| 检索号  | Q8IU54                                                                                           |
| 分子量  | 21.4 kDa                                                                                         |

## 产品特性

|     |                                                                                                                                                                                                                                 |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 纯度  | >95% as determined by reducing SDS-PAGE.                                                                                                                                                                                        |
| 内毒素 | <1.0 EU per $\mu$ g as determined by LAL test.                                                                                                                                                                                  |
| 保存  | Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months. |
| 运输  | Ambient temperature or ice pack.                                                                                                                                                                                                |
| 制剂  | Lyophilized from a 0.2 $\mu$ m filtered solution of PBS, pH7.4.                                                                                                                                                                 |



## 复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## 背景介绍

Interleukin-29 (IL-29) is a secreted Protein which belongs to the IL-28/ IL-29 family. IL-29 is a Cytokine with immunomodulatory activity. IL-29 is highly similar in amino acid sequence to the IL-28. IL-28 and IL-29 are induced by viral infection and showed antiviral activity. IL-28 and IL-29 interacted with a heterodimeric class II Cytokine Receptor that consisted of IL-10 Receptor beta (IL-10R beta) and an orphan class II Receptor chain, designated IL-28R alpha. IL-29 plays an important role in host defenses against microbes and its gene is highly upregulated in cells infected with viruses. IL-29 may play a role in antiviral immunity. IL-29 up-regulates MHC class I antigen expression. It is a Ligand for the heterodimeric class II Cytokine Receptor composed of IL10RB and IL28RA. The Ligand/ Receptor complex seems to signal through the Jak-STAT pathway.

## SDS-PAGE

