

IFN-λ1/IL-29 (C-10His), Human, Recombinant**Cat. No. : GPCK159****产品信息**

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| 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 |
| 有效期 | 12 months |

产品特性

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| 内毒素 (EU/μg) | < 0.1 |
| 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 μm filtered solution of PBS, pH 7.4. |
| 复溶 | 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 sterile 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.

