

IL-29/IFN- λ 1, Human, Recombinant

货号 : PCK360

产品信息

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| 别名 | IFN- λ 1 |
| 物种 | Human |
| 表达宿主 | E.coli |
| 序列信息 | MPTSKPTTTGKGCHIGRFKSLSPQELASFKKARDALEESLKLKNWSCSSPVF PGNWDLRLLQVRERPVALEAELATLKVLEAAAGPALEDVLDQPLHTLHH ILSQLQACIQPQPTAGPRPRGRLHHWLHRLQEAPKKESAGCLEASVTFNLF RLLTRDLKYVADGNLCLRTSTHPEST with polyhistidine tag at the C-terminus. |
| 检索号 | Q8IU54.1 |
| 分子量 | 20.70 kDa |
| 标签 | His-tag at the C-terminus |
| 生物活性 | Measure by its ability to induce IL-8 secretion in HuH7 cells. The ED50 for this effect is <6 ng/mL. |

产品特性

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| 纯度 | >98% as determined by SDS-PAGE. Ni-NTA chromatography |
| 内毒素 | <0.1 EU per 1 μ g of the protein by the LAL method. |
| 保存 | Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months. |
| 运输 | Ambient temperature or ice pack. |
| 制剂 | The protein was lyophilized from a 0.2 μ m filtered solution containing 1X PBS, pH 8.0. |



复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

Interleukin-29 (IL-29) is a member of the helical cytokine family and is a type III interferon. It is also known as IFNλ1 and is highly similar in amino acid sequence to the IL-28, the other type III interferon. IL-29 plays an important role in host defenses against microbes and its gene is highly upregulated in cells infected with viruses. IL29 is not present in the mouse genome.

SDS-PAGE

