

IL-29/IFN-λ1, Human, Recombinant

货号 : PCK360

产品信息

别名 IFN-λ1

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

纯度 >98% as determined by SDS-PAGE. Ni-NTA chromatography

内毒素 <0.1 EU per 1 μg 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 μm 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 $\mu\text{g/mL}$. 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 IFN λ 1 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

