

IL-29/IFN- λ 1, Human, Recombinant**Cat. No. : GPCK360****产品信息**

物种	Human
表达宿主	E.coli
序列信息	MPTSKPTTTGKGCHIGRFKSLSPQELASFKKARDALEESLKLKNWSCSSPVFPGNWDRLRLQVRERPVALEAELALTLKVLEAAAGPALEDVLDQPLHTLHHILSQLQACIQPQPTAGPRPRGRLHHLHRLQEAPKKESAGCLEASVTFNLFRLTRDLKYVADGNLCLRTSTHPEST with polyhistidine tag at the C-terminus.
检索号	Q8IU54.1
标签	His-tag at the C-terminus
分子量	20.70 kDa
有效期	12 months
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

内毒素 (EU/ μ g)	< 0.1
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 1 \times PBS, pH 8.0.
复溶	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μ 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.

