

IFN- λ 2/IL-28A (C-6His), Human, Recombinant**Cat. No. : GPCK160****产品信息**

物种	Human
表达宿主	Human Cells
序列信息	Val26-Val200
检索号	Q8IZJ0
标签	C-6His
分子量	20.6 kDa
有效期	12 months

产品特性

内毒素 (EU/ μ g)	< 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 μ m 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 μ g/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

IL-28A (Interferon- λ 2; IFN- λ 2), IL-28B/IFN- λ 3, and IL-29/IFN- λ 1 are type III interferons which are distantly related to IL-10 family and type I IFN family Cytokines. Mature human IL-28A is an approximately 22-25 kDa Protein that shares 66% amino acid (aa) sequence identity with mouse and rat IL-28A and shows cross-species activity. It shares 96% and 70% aa sequence identity with human IL-28B and IL-29, respectively. IL-28A promotes the Th1 polarization of dendritic cells in the airway and inhibits Th2 and Th17 mediated inflammation. IL-28A additionally exhibits anti-tumor activity, in part by enhancing IL-12 dependent anti-tumor CTL responses in vivo. In contrast, it is up-regulated in invasive bladder cancer where it promotes tumor cell migration.

