

**IFN- $\lambda$ 2/ IL-28A (C-6His), Human, Recombinant**

货号 : PCK160

**产品信息**

别名	Interferon lambda-2; IFN-lambda-2; Cytokine Zcyto20; Interleukin-28A; IL-28A; IFNL2; IL28A; ZCYTO20
物种	Human
表达宿主	Human Cells
序列信息	Val26-Val200
检索号	Q8IZJ0
分子量	20.6 kDa
标签	C-6His

**产品特性**

纯度	>95% as determined by reducing SDS-PAGE.
内毒素	< 1.0 EU per $\mu$ g as determined by LAL test.
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 $\mu$ m filtered solution of PBS, pH7.4.



**复融**

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 distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**背景介绍**

IL-28A (Interferon-λ2? IFN-λ2), IL-28B/ IFN-λ3, and IL-29/ IFN-λ1 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.

**SDS-PAGE**