

**HUMAN IL-28A (C-6HIS) PROTEIN**

目录: 12094

产品名称: Human IL-28A (C-6His) Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: Interferon lambda-2;IFN-lambda-2;Cytokine  
Zcyto20;Interleukin-28A;IL-28A;IFNL2;IL28A;ZCYTO20

**Target:** IL-28A

**UNIPROT ID:** Q8IZJ0

**描述:** Recombinant Human Interferon Lambda-2 is produced by our Mammalian expression system and the target gene encoding Val26-Val200 is expressed with a 6His tag at the C-terminus.

**背景:** 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 tumor activity, in part by enhancing IL-12 dependent tumor CTL responses in vivo. In contrast, it is up-regulated in invasive bladder cancer where it promotes tumor cell migration.

**Species/Host:** HEK293

**Molecular Weight:** 20.6 KDa

**Molecular Characterization:** Not available

**纯化::** Greater than 95% as determined by reducing SDS-PAGE.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**储存和运输:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

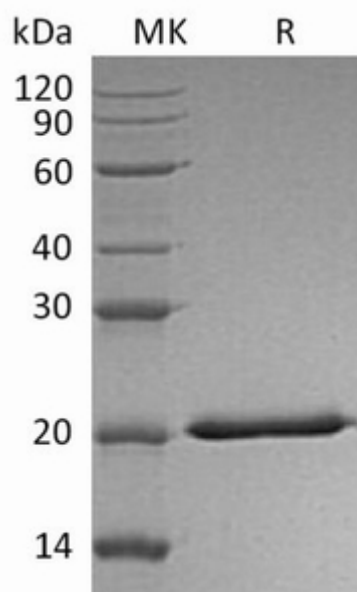


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.