Cat. No. PME30074



## **PRODUCT INFORMATION**

**Target** IL-28A

**Synonyms** 

Interferon lambda-2;IFN-lambda-2;Cytokine Zcyto20;Interleukin-28A;IL-28A;IFNL2;IL28A;ZCYTO20

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. **Description** 

**Delivery** In Stock **Uniprot ID** Q8IZJ0 **Expression Host HEK293** C-6×His Tag

Molecular

Not available Characterization

**Molecular Weight** 20.6 KDa

Greater than 95% as determined by reducing SDS-**Purity** 

PAGE.

Formulation & Lyophilized from a 0.2 µm filtered solution of PBS, pH

Reconstitution

**Background** 

Store at -20°C to -80°C for 12 months in lyophilized

form. After reconstitution, if not intended for use Storage & Shipping within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins

are shipped at ambient temperature.

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% amine acid (22) 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.

Usage Research use only Conjugate Unconjugated

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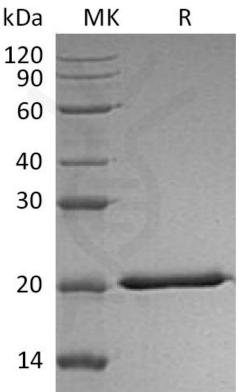


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

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