

[Go to Product page](#)

Datasheet for ABIN7455684 IL28A Protein (His tag)

Overview

Quantity:	50 µg
Target:	IL28A
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL28A protein is labelled with His tag.

Product Details

Purpose:	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.
Characteristics:	Extracellular Domain Protein
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	IL28A
Alternative Name:	IL-28A (IL28A Products)
Background:	Interferon lambda-2, IFN-lambda-2, Cytokine Zcyto20, Interleukin-28A, IL-28A, IFNL2, IL28A, ZCYTO20IL-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

Target Details

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.

Molecular Weight: 20.6 KDa

UniProt: [Q8IZJ0](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months