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## Datasheet for ABIN7318666 IL28B Protein (His tag)

### Overview

Quantity:	50 µg
Target:	IL28B
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL28B protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human IFN-λ3/IL-28B Protein (Human Cells, His Tag)(Active)
Sequence:	Val22-Val196
Characteristics:	Recombinant Human Interleukin-28B is produced by our Mammalian expression system and the target gene encoding Val22-Val196 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Human IL-28-His at 10µg/ml(100 µl/well) can bind Human IL-10RB-Fc(Cat: PKSH032564). The ED50 of Human IL-28-His is 0.37 ug/ml.

### Target Details

Target:	IL28B
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## Target Details

Alternative Name:	IFN-lambda3/IL-28B ( <a href="#">IL28B Products</a> )
Background:	<p>Background: Interleukin-28B, also known as Cytokine Zcyto22, Interferon lambda-3, Interferon lambda-4, IFNL3, IFNL4, ZCYTO22 and IL28B, is a secreted cytokine which belongs to the IL-28/IL-29 family. IL-28 has also been shown to play a role in the adaptive immune response. IL28B has immunomodulatory activity and up-regulates MHC class I antigen expression. IL28B displays potent antiviral activity and antitumor activity. In addition, IL28B is a ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IL28RA. The ligand/receptor complex seems to signal through the Jak-STAT pathway.</p> <p>Synonym: Interleukin-28B, IL-28B, Cytokine Zcyto22, Interferon Lambda-3, IFN-Lambda-3, Interferon Lambda-4, IFN-Lambda-4, Interleukin-28C, IL-28C, IL28B, IFNL3, IFNL4, IL28C, ZCYTO22</p>
Molecular Weight:	20.7 kDa
UniProt:	<a href="#">Q8IZI9</a>

## Application Details

Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 1 mM EDTA, pH 7.4.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>