



[Go to Product page](#)

Datasheet for ABIN1691397 IL28B Protein (AA 22-196) (His tag)

Overview

Quantity:	50 µg
Target:	IL28B
Protein Characteristics:	AA 22-196
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL28B protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Interleukin-28B/IL-28B/IFN-lambda 3 (C-6His)
Sequence:	VPVARLRGAL PDARGCHIAQ FKSLSPQELQ AFKRAKDALE ESLLKDKCK RSRLFPRPWD LRQLQVRERP VALEAELALT LKVLEATADT DPALGDVLDQ PLHTLHHLS QLRACIQPQP TAGPRTRGRL HHWLHRLQEA PKKESPGCLE ASVTFNLFRL LTRDLNVCAS GDLCVVDHHH HHH
Characteristics:	Recombinant Human Interleukin-28B/IL-28B is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Val22-Val196) of Human IL28B fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	IL28B
Alternative Name:	IL-28B (IL28B Products)
Sub Type:	Fusionprotein
Background:	<p>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>Alternative Names: 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:	20.67 kDa
UniProt:	Q8IZI9

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 1 mM EDTA, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Expiry Date:	3 months