

# Recombinant Human IL-28B/IFN-lambda-3 protein (His tag)



Catalog Number:PDEH100260

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

<b>Synonyms</b>	Interleukin-28B;IL-28B;Cytokine Zcyto22;Interferon Lambda-3;Interferon Lambda-4;IFN-Lambda-4;Interleukin-28C;IL-28C;IL28B;IFNL3;IFNL4;IL28C;ZCYTO22
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Val 22-Val 196
<b>Accession</b>	Q8IZI9
<b>Calculated Molecular Weight</b>	19.1 kDa
<b>Observed molecular weight</b>	25 kDa
<b>Tag</b>	N-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## 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.

## For Research Use Only

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