

## Recombinant Human IL28B (IFNL3)

Cat No:HR2R1590

For research use only

### Overview

Quantity	10 ?g
Gene Symbol	IFNL3
Gene ID	282617
Accession	Q8IZI9
Alternative Name	IL-28B, Interferon lambda-3, IFN-lambda-3, Cytokine Zcyto22, Interleukin-28C, IL-28C, ZCYTO22  Recombinant Human Interleukin-28B (IFNL3)
Species	Human
Source	CHO cells
Description	Cytokine with immunomodulatory activity. Up-regulates MHC class I antigen expression. Displays potent antiviral activity. Also displays antitumor activity. 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.
Functions	The activity was determined by a WISH cell viral resistance assay with a linear range of 4-20 ng/mL.
Formulation	Recombinant Human Interleukin-28B was lyophilized from a 0.2 ?m filtered PBS solution pH 7.4.
Solubility	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Appearance	Lyophilized Powder
Molecular Weight	23
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/?g of recombinant protein as determined by the LAL method.
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70?C. Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8?C for one month, or at -20?C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.