

Active Recombinant Human IL28B protein(Met1-Val196), His-tagged

Cat. No. IL28B-379H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL28B (NP_742151.2) (Met 1-Val 196) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-196 a.a.
Form	Lyophilized from sterile PBS, 500mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in antiviral assays using WISH cells infected with vesicular stomatitis virus. The ED50 for this effect is typically 4-16 ng/mL.
Molecular Mass	The recombinant human IL28B consists of 186 amino acids and predicts a molecular mass of 21 kDa. In SDS-PAGE under reducing conditions, rhIL28B migrates as an approximately 23 kDa band.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 96 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [IL28B interleukin 28B \(interferon, lambda 3\) \[Homo sapiens \]](#)

Official Symbol [IL28B](#)

Synonyms

IL28B; interleukin 28B (interferon, lambda 3); interleukin 28B; interleukin-28B; IFNL3; IL 28B; IL28C; IL-28C; IFN-lambda-3; IFN-lambda-4; interleukin 28C; interleukin-28C; cytokine Zcyto22; interferon lambda-3; interferon lambda-4; interferon, lambda 3; interferon, lambda 4; IL-28B;

Gene ID [282617](#)

mRNA Refseq [NM_172139](#)

Protein Refseq [NP_742151](#)

MIM [607402](#)

UniProt ID [Q8IZI9](#)

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