Active Recombinant Human IL28B protein, His-tagged

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

SPECIFICATION

Product Overview	Active Recombinant Human IL28B protein(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 aa
Form	Lyophilized from sterile PBS, 500mM NaCl, pH 7.4.
Bio-activity	1. Measured in antiviral assays using WISH human amnion cells infected with vesicular stomatitis virus (VSV). The EC50 for this effect is typically 2-6 ng/mL. 2. Measured by its binding ability in a functional ELISA. Immobilized human IL28B at 20 μg/ml (100 μl/well) can bind human IL10RB with a linear ranger of 3.125-25 μg/ml.
Molecular Mass	The recombinant human IL28B consists of 186 amino acids and predictes 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	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

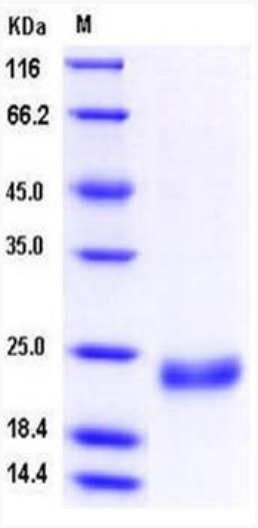
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	aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before 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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SDS-PAGE	

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