

## Active Recombinant Human IL28A Protein (Pro27-Val200), C-His tagged, Animal-free, Carrier-free

Cat. No. IL28A-129H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL28A Protein (Pro27-Val200) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Pro27-Val200
<b>Description</b>	Interleukin 28A (IL-28A) predicts a molecular mass of 22.3 kDa. IL-28 comes in two isoforms, IL-28A and IL-28B, and plays a role in immune defense against viruses, including the induction of an antiviral state by turning on Mx proteins, 2',5'-oligoadenylate synthetase as well as ISGF3G.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED50 for this effect is < 20 ng/mL.
<b>Molecular Mass</b>	The protein has a calculated MW of 20.60 kDa. The protein migrates as 20 kDa under reducing condition (SDS-PAGE analysis).
<b>Endotoxin</b>	< 0.1 EU/μg of the protein by the LAL method.

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<b>Purity</b>	>98% as determined by SDS-PAGE analysis.
<b>Storage</b>	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

## GENE INFORMATION

<b>Gene Name</b>	IL28A interleukin 28A (interferon, lambda 2) [ Homo sapiens (human) ]
<b>Official Symbol</b>	IL28A
<b>Synonyms</b>	IL28A; interleukin 28A (interferon, lambda 2); interleukin 28A; interleukin-28A; IFNL2; IL 28A; IFN-lambda-2; cytokine Zcyto20; interferon lambda 2; interferon lambda-2; interferon-lambda 2; IL-28A;
<b>Gene ID</b>	282616
<b>mRNA Refseq</b>	NM_172138
<b>Protein Refseq</b>	NP_742150

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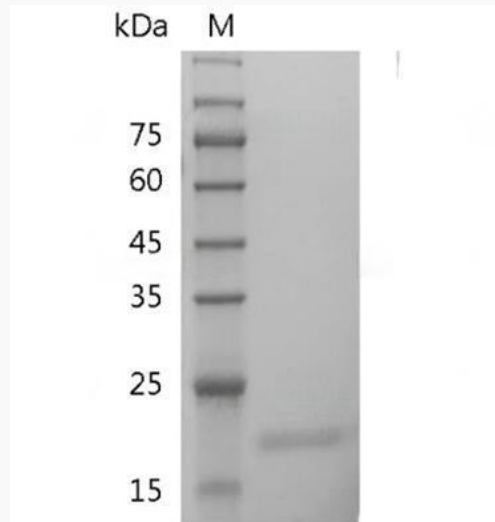
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**MIM** 607401

**UniProt ID** Q8IZJ0

**SDS-PAGE analysis  
of recombinant  
human IL-28A**



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