

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

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

SPECIFICATION

Product Overview	Recombinant Human IL28A Protein (Pro27-Val200) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Pro27-Val200
Description	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.
Form	Lyophilized
Bio-activity	Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED50 for this effect is < 20 ng/mL.
Molecular Mass	The protein has a calculated MW of 20.60 kDa. The protein migrates as 20 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>98% as determined by SDS-PAGE analysis.
Storage	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.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
Reconstitution	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.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	IL28A interleukin 28A (interferon, lambda 2) [Homo sapiens (human)]
Official Symbol	IL28A
Synonyms	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;
Gene ID	282616
mRNA Refseq	NM_172138
Protein Refseq	NP_742150

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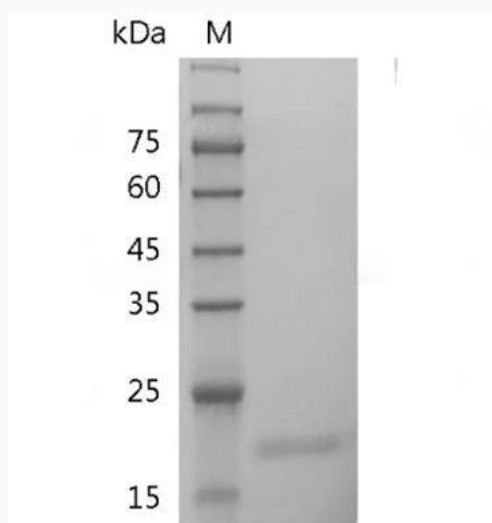
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MIM 607401

UniProt ID Q8IZJ0

SDS-PAGE analysis
of recombinant
human IL-28A



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