

Active Recombinant Human IFNL3, His-tagged

Cat. No. IFNL3-405H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNL3 (Accession # AAN28264) Arg30-Val200, fused with the variant of Lys74Arg and a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	30-200 a.a.
Predicted N Terminal	Arg30
Form	Lyophilized from a 0.2 µm filtered solution in PBS, NaCl and EDTA with BSA as a carrier protein.
Bio-activity	Measured in an anti-viral assay using HepG2 human hepatocellular carcinoma cells infected with encephalomyocarditis (EMC) virus. Sheppard, P. et al. (2003) Nat. Immunol. 4:63. The ED50 for this effect is typically 1 - 5 ng/mL.
Molecular Mass	Recombinant Human IFNL3, His-tagged has a calculated MW of 20.1 kDa. In SDS-PAGE migrates as 22 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name

IFNL3 interferon, lambda 3 [Homo sapiens (human)]

Official Symbol

IFNL3

Synonyms

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

Gene ID

282617

mRNA Refseq

NM_172139

Protein Refseq

NP_742151

MIM

607402

UniProt ID

Q8IZI9

Chromosome Location

19q13.13

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