

Active Recombinant Human IFNL2

Cat. No. IFNL2-845H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNL2 (Accession # NP_742150), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Val26
Form	Lyophilized from a 0.2 µ filtered solution in PBS 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 10-50 ng/mL.
Molecular Mass	Recombinant Human IFNL2 has a calculated MW of 20.8 kDa. In SDS-PAGE migrates as 24 kDa, reducing conditions.
Purity	>97%, 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 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

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serum albumin.

GENE INFORMATION

Gene Name	IFNL2 interferon, lambda 2 [Homo sapiens (human)]
Official Symbol	IFNL2
Synonyms	IL28A; IL-28A; interferon lambda-2; interferon lambda-2; IFN-lambda-2; cytokine Zcyto20; interferon lambda 2; interferon-lambda 2; interleukin 28A (interferon, lambda 2); interleukin-28A
Gene ID	282616
mRNA Refseq	NM_172138.1
Protein Refseq	NP_742150.1
MIM	607401
UniProt ID	Q8IZJ0
Chromosome Location	19q13.13

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