

Active Recombinant Human IFNL1 Protein

Cat. No. IFNL1-458H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human IFNL1 (NP_742152.1) (Met1-Thr200) was expressed with an initial Met.
Species	Human
Source	HEK293
ProteinLength	1-200 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	Measured in antiviral assays using HepG2 cells infected with vesicular stomatitis virus. The ED50 for this effect is typically 10-39 ng/mL.
Molecular Mass	The recombinant human IFNL1 consists 182 amino acids and predicts a molecular mass of 20.2 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>(80.7+15.8) % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted 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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IFNL1 interferon, lambda 1 [Homo sapiens]

Official Symbol IFNL1

Synonyms IL29; IL-29; IFN-lambda-1; cytokine Zcyto21; interferon-lambda-1; interleukin 29 (interferon, lambda 1); interleukin-29

Gene ID 282618

mRNA Refseq NM_172140

Protein Refseq NP_742152

MIM 607403

UniProt ID Q8IU54

Chromosome Location 19q13.13

Pathway Cytokine-cytokine receptor interaction, organism-specific biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Type III interferon signaling, organism-specific biosystem

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