

Recombinant Human IFNL3, His-tagged

Cat. No. IFNL3-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The C terminal His-tag recombinant protein was expressed in Baculovirus and purified by affinity chromatography in combination with FPLC columns.
Species	Human
Source	Insect Cells
Description	This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28A (IL28A), and interleukin 29 (IL29) are three closely related cytokine genes that form a cytokine gene cluster on a chromosomal region mapped to 19q13. Expression of the cytokines encoded by the three genes can be induced by viral infection. All three cytokines have been shown to interact with a heterodimeric class II cytokine receptor that consists of interleukin 10 receptor, beta (IL10RB) and interleukin 28 receptor, alpha (IL28RA).
Form	The protein is in 20mM Tris-HCl pH7.9, 100mM NaCl, 0.2mM EDTA, 1mM DTT and 20% glycerol.
Molecular Mass	22 kDa.
Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Stored at -70°C before use. Avoid repeated freeze thaw cycles.

GENE INFORMATION

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Gene Name	IFNL3 interferon, lambda 3 [Homo sapiens (human)]
Official Symbol	IFNL3
Synonyms	IFNL3; interferon, lambda 3; IL28B; IL28C; IL-28B; IFN-lambda-3; IFN-lambda-4; interleukin 28C; interleukin-28B; interleukin-28C; cytokine Zcyto22; interferon lambda-4; interferon, lambda 4; interleukin 28B (interferon, lambda 3)
Gene ID	282617
mRNA Refseq	NM_172139
Protein Refseq	NP_742151
MIM	607402
UniProt ID	Q8IZI9
Chromosome Location	19q13.13
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem ; Cytokine-cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem
Function	cytokine activity

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