

## Recombinant Human IFNL3, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	The C terminal His-tag recombinant protein was expressed in Baculovirus and purified by affinity chromatography in combination with FPLC columns.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Description</b>	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).
<b>Form</b>	The protein is in 20mM Tris-HCl pH7.9, 100mM NaCl, 0.2mM EDTA, 1mM DTT and 20% glycerol.
<b>Molecular Mass</b>	22 kDa.
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE.
<b>Storage</b>	Stored at -70°C before use. Avoid repeated freeze thaw cycles.

### GENE INFORMATION

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



<b>Gene Name</b>	IFNL3 interferon, lambda 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	IFNL3
<b>Synonyms</b>	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)
<b>Gene ID</b>	282617
<b>mRNA Refseq</b>	NM_172139
<b>Protein Refseq</b>	NP_742151
<b>MIM</b>	607402
<b>UniProt ID</b>	Q8IZI9
<b>Chromosome Location</b>	19q13.13
<b>Pathway</b>	Cytokine-cytokine receptor interaction, organism-specific biosystem ; Cytokine-cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem
<b>Function</b>	cytokine activity

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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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