

Active Recombinant Human IFNL2 Protein

Cat. No. IFNL2-944H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNL2 was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28B (IL28B), 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	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bio-activity	Determined by its ability to activate STAT phosphorylation in an ISRE Luciferase Reporter Assay using human colon carcinoma COLO205 cells. The expected ED50 is 0.3-0.5 ng/ml.
Molecular Mass	19.6 kDa
AA Sequence	PVARLHGALPDARGCHIAQFKSLSPQELQAFKRAKDALEESLLLKDCRCHSRLFPRT WDLRQLQVRERPMALAEALATLKVLEATADTDPALVDVLDQPLHLHHILSQFRACI

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

QPQPTAGPRTRGRLHHWLYRLQEAPKKESPGCLEASVTFNLFRLLTRDLNLCVASGD
LCV

Endotoxin Endotoxin level is <0.1 ng/g of protein (<1EU/g).

Purity >95% as determined by SDS-PAGE and Coomassie blue staining

Concentration Resuspend the protein in the desired concentration in proper buffer

GENE INFORMATION

Gene Name IFNL2 interferon lambda 2 [Homo sapiens (human)]

Official Symbol IFNL2

Synonyms IL28A; IL-28A

Gene ID 282616

mRNA Refseq NM_172138

Protein Refseq NP_742150

MIM 607401

UniProt ID Q8IZJ0

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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