

Recombinant Human IFNL1 Protein, His-tagged

Cat. No. IFNL1-983H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Human IFNL1 Protein (Gly20-Thr200) with His tag was expressed in 293F. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Gly20-Thr200 |
| Description | <p>This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28A (IL28A), and interleukin 28B (IL28B) 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).</p> |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 21.6 kDa; Accurate Molecular Mass: 35/30 kDa |
| Purity | > 95% |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. |

 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

| | |
|-----------------------|--|
| Stability | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Storage | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| Storage Buffer | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| Reconstitution | Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex. |

GENE INFORMATION

| | |
|------------------------|--|
| Gene Name | IFNL1 interferon lambda 1 [Homo sapiens (human)] |
| Official Symbol | IFNL1 |
| Synonyms | IL29; interleukin 29 (interferon, lambda 1); interleukin 29; interleukin-29; IFNL1; IL 29; IFN-lambda-1; cytokine Zcyto21; interferon lambda-1; interferon-lambda-1; interferon, lambda 1; IL-29; IFNL1; interferon lambda 1 |
| Gene ID | 282618 |
| mRNA Refseq | NM_172140 |
| Protein Refseq | NP_742152 |
| MIM | 607403 |

 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

UniProt ID

Q8IU54



 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