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## 32-12116: Human Interferon-lambda

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|---|---|
| **Gene :** | IFNL1 |
| **Gene ID :** | 282618 |
| **Uniprot ID :** | Q8IU54 |
| **Alternative Name :** | Cytokine Zcyto21, Interleukin-29, IL29, ZCYTO21 |

## Description

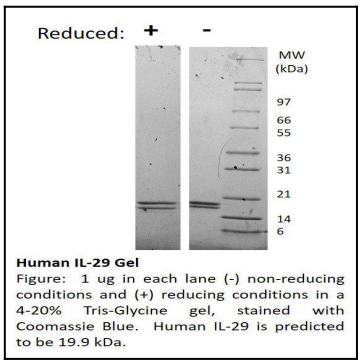
**Source:** Genetically modified E.coli.
**Predicted MW:**Â Monomer, 19.9 kDa (179 aa)
IFN-lambda, also known as IL-29, is a type III interferon produced by virally infected cells. IFN-lambda plays an important role in host defenses against microbes and antiviral activity. IFN-lambda shares homology with interleukin 28 (IL-28) and binds the class II cytokine receptor IL-28R.

## Product Info

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| **Amount :** | 20 µg / 100 µg |
| **Purification :** | Reducing and Non-Reducing SDS PAGE at >= 95% |
| **Content :** | Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)<br>Sterile water at 0.1 mg/mL |
| **Storage condition :** | Store at -20°C |
| **Amino Acid :** | MPTSKPTTTG KGCHIGRFKS LSPQELASFK KARDALEESL KLKNWSCSSP VFPGNWDLRL LQVRERPVAL EAELALTLKV LEAAAGPALE DVLDQPLHTL HHILSQLQAC IQPQPTAGPR PRGRLHHWLH RLQEAPKKES AGCLEASVTF NLFRLLTRDL KYVADGNLCL RTSTHPEST |

## Application Note

**Endotoxin:** Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.
Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80ÃÂ°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss. ÃÂ ÃÂ



**Human IL-29 Gel**
Figure: 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Human IL-29 is predicted to be 19.9 kDa.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***