

## 32-20180: Animal-Free Recombinant Human IFN-Lambda1(Discontinued)

**Reactivity :** Human, Monkey

**Alternative Name :** IL-29

### Description

**Source:** E.coli IFN Lambda 1, 2, and 3 (also known as IL-29, IL-28A and IL-28B respectively) are distantly related to the IL-10 family and the interferons. All three IFN-lambdas use a distinct receptor system composed of an IFN-Lambda R1 subunit (also called CRF2-12) and IL-10R2 subunit (also called CRF2-14). Signaling through this receptor system induces antiviral defenses similar to, but distinct from, that of type I interferons. Recombinant human IFN-Lambda 1 is a 19.8 kDa protein containing 178 amino acid residues.

### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** P T S K P T T T G K G C H I G R F K S L S P Q E L A S F K K A R D A L E E S L K L K N W S C S S P V F P G N W D L R L L  
Q V R E R P V A L E A E L A L T L K V L E A A A G P A L E D V L D Q P L H T L H H I L S Q L Q A C I Q P Q P T A G P R P  
R G R L H H W L H R L Q E A P K K E S A G C L E A S V T F N L F R L L T R D L K Y V A D G N L C L R T S T H P E S T

### Application Note

Determined by its ability to activate STAT phosphorylation in an ISRE Luciferase Reporter Assay using human colon carcinoma COLO205 cells. The expected  $ED_{50}$  is 0.2-0.5 ng/ml.