

## 32-20181: Recombinant Human IFN-Lambda2(Discontinued)

**Reactivity :** Human

**Alternative Name :** IL-28A

### Description

**Source:** *E.coli*IFNLambda 1, 2, and 3 (also known as IL-29, IL-28A and IL-28B respectively) are distantly related to the IL-10 family and 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, than that of type I interferons. Recombinant Human IFN-Lambda 2 is a 19.6 kDa protein containing 174 amino acid residues.

### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Purity:  $\geq$  98% by SDS-PAGE gel and HPLC analyses.

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

**Amino Acid :** PVARLHGALP DARGCHIAQF KSLSPQELQA FKRAKDALEE SLLLKDCRCH SRLFPRTWDL RQLQVRERPM  
ALEAELALTL KVLEATADTD PALVDVLDQP LHTLHHILSQ FRACIQPQPT AGPRTRGRLH HWLYRLQEAP  
KKESPGCLEA SVTFNLFRL TRDLNCVASG DLCV

### 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 0.3-0.5 ng/ml.