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

Reactivity : Human, Monkey
Alternative Name : IL-29

Description

Source:E.coliIFN 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.Â 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).Â Signaling through this receptor system induces antiviral defenses similar to, but distinct from, that of type I interferons.Â 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 : PTSKPTTTGK GCHIGRFKSL SPQELASFKK ARDALEESLK LKNWSCSSPV FPGNWDLRLL QVRERPVALE AELALTLKVL EAAAGPALED VLDQPLHTLH HILSQLQACI QPQPTAGPRP RGRLHHWLHR LQEAPKKESA GCLEASVTFN LFRLLTRDLK YVADGNLCLR TSTHPEST

Application Note

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

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