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32-18086: Recombinant Human IL-28A (C-6His) Protein

Uniprot ID : Q8IZJ0

Alternative Name : Interferon lambda-2; IFN-lambda-2; Cytokine Zcyto20; Interleukin-28A; IL-28A; IFNL2; IL28A; ZCYTO20

Description

Molecular weight: 20.6 KDa
Description: Recombinant Human Interferon Lambda-2 is produced by our Mammalian expression system and the target gene encoding Val26-Val200 is expressed with a 6His tag at the C-terminus.
IL-28A (Interferon-Î»2? IFN-Î»2), IL-28B/IFN-Î»3, and IL-29/IFN-Î»1 are type III interferons which are distantly related to IL-10 family and type I IFN family cytokines. Mature human IL-28A is an approximately 22-25 kDa protein that shares 66% amino acid (aa) sequence identity with mouse and rat IL-28A and shows cross-species activity. It shares 96% and 70% aa sequence identity with human IL-28B and IL-29, respectively. IL-28A promotes the Th1 polarization of dendritic cells in the airway and inhibits Th2 and Th17 mediated inflammation. IL-28A additionally exhibits anti-tumor activity, in part by enhancing IL-12 dependent anti-tumor CTL responses in vivo. In contrast, it is up-regulated in invasive bladder cancer where it promotes tumor cell migration.

Product Info

Amount :	50 µg
Content :	Lyophilized from a 0.2 ?m filtered solution of PBS, pH 7.4.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

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