

RP00231

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Recombinant Human IFN-lambda 2/IL-28A Protein

Catalog No.: RP00231

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	282616	Q8IZJ0

Tags

C-His

Synonyms

IFNL2;IL-28A;IL28A; IFNL2a; IFNL3a;
IL-28A

Product Information

Source	Purification
HEK293 cells	> 97% by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

Contact



www.abclonal.com

Background

IL 28A (Interferon-lambda 2; IFN-lambda 2), IL-28B/IFN-lambda 3, and IL-29/IFN-lambda 1 are type III interferons which are distantly related to IL-10 family and type I IFN family cytokines. IL 28A, interleukin 28B (IL28B), and interleukin 29 (IL29) are three closely related cytokine which expression can be induced by viral infection. In the liver, the IL-28A induced Th1 cytokine response contributes to inflammation in T cell mediated hepatitis. 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.

Basic Information

Description

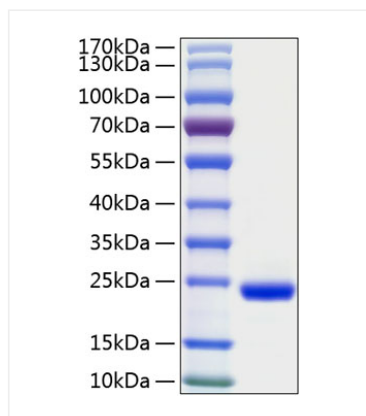
Recombinant Human IFN-lambda 2/IL-28A Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Val26-Val200) of human IL-28A/IL28A (Accession #NP_742150.1) fused with a 6xHis tag at the C-terminus.

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human IL-28A/IL28A Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 20-23 kDa.