Recombinant Human IFN-lambda 3/IL-28B Protein

Catalog No.: RP00219

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Sequence Information

Species
Human

Gene ID
282617

Swiss Prot
Q8IZI9

Tags
C-His

Synonyms
IFNL3,IFN-lambda-3,IFN-lambda-4,IL-28B,IL-28C,IL28B,IL28C

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
23.39 kDa

Observed MW
23 kDa

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

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS,500mM NaCl, 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Interleukin-28B (IL-28B) also known as Interferon lambda-3 and IFN-lambda-3, belongs to the type III interferon family of cytokines. IL-28B is a cytokine with immunomodulatory activity. It functions in Up-regulating MHC class I antigen expression. IL-28B displays potent antiviral activity and antitumor activity. This cytokine serves as ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IL28RA. IL-28B is able to increase the percentage of splenic CD8+ T cells in vaccinated animals and have higher antigen-specific cytolytic .

Basic Information

Description
Recombinant Human IFN-lambda 3/IL-28B Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Val196) of human IFNL3/IL28B/Interleukin-28B (Accession #NP_742151.2) fused with a 6×His tag at the C-terminus.

Activity
Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human IL28B at 2 μg/mL (100 μL/well) can bind Recombinant Human IL10RB with a linear range of 0.25-1 μg/mL.

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126
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www.abclonal.com.cn

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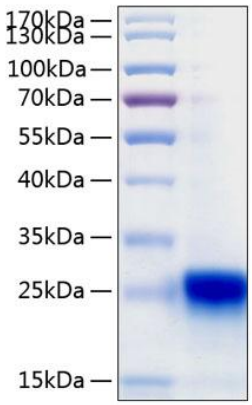
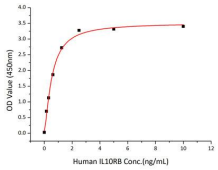
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human IFN-lambda 3/IL-28B Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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