

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

Catalog No.: RP00231

Sequence Information

Species **Gene ID**
Human 282616

Swiss Prot **Tags**
Q8IZJ0 C-His

Synonyms

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

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
 determined by
 SDS-PAGE.

Calculated MW **Observed MW**
20.59 kDa 20-25 kDa

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 free-thaw cycles.

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 are 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 6×His tag at the C-terminus.

Activity

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°C

Operational Notes

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

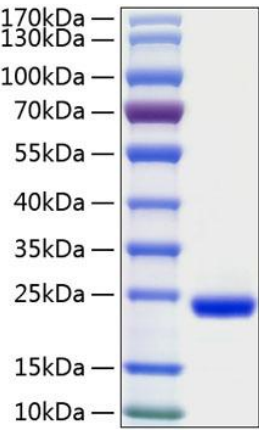
Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Validation Data



Recombinant Human IFN-lambda 2/IL-28A Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.