

IFN- λ 2, human recombinant protein
IL-28A
Catalog # PBV10793r**Specification**

IFN- λ 2, human recombinant protein - Product info

Primary Accession [Q8IZJ0](#)
Calculated MW **19.6 kDa** KDa

IFN- λ 2, human recombinant protein - Additional Info

Gene ID **282616**
Gene Symbol **IFNL2**
Other Names
IL-28A

Gene Source **Human**
Source **E Coli**
Assay&Purity **SDS-PAGE; $\geq$ 98%**
Assay2&Purity2 **HPLC;**
Recombinant **Yes**
Sequence **PVARLHGALP DARGCHIAQF KSLSPQELQA
FKRAKDALEE SLLKDCRCH SRLFPRTWDL
RQLQVRERPM ALEAELALT KVLEATADTD
PALVDVLDQP LHTLHHILSQ FRACIQPQPT
AGPRTRGRLH HWLYRLQEAP KKESPGCLEA
SVTFNLFRL TRDLNCVASG DLCV**

Target/Specificity
IFN- λ 2

Application Notes

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.5-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Format

Lyophilized powder

Storage

-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized from 10 mM Acetic Acid.

IFN- λ 2, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IFN- λ 2, human recombinant protein - Images

IFN- λ 2, human recombinant protein - Background

IFN λ -1, -2, and -3 (also known as IL-29, IL-28A and IL-28B respectively) are distantly related to the IL-10 family and Interferons. All three IFN-lambdas use a distinct receptor system composed of an IFN- λ R1 subunit (also called CRF2-12) and IL-10R2 subunit (also called CRF2-14). Signaling through this receptor system induces antiviral defense similar but distinct than the type I Interferons. Recombinant human IFN- λ 2 is a 19.6 kDa protein containing 174 amino acid residues.

IFN- λ 2, human recombinant protein - References

Sheppard P., et al. Nat. Immunol. 4:63-68(2003).
Zhu H., et al. Virol. J. 2:80-80(2005).
Kotenko S.V., et al. Nat. Immunol. 4:69-77(2003).
Li M.C., et al. Acta Pharmacol. Sin. 27:453-459(2006).
Donnelly R.P., et al. J. Interferon Cytokine Res. 30:555-564(2010).