

HumanKine[®] IFN alpha 2B (Recombinant Human)



Animal Component-Free	Human cell expressed	Tag-Free	Endotoxin Free
-----------------------	----------------------	----------	----------------

Product Description

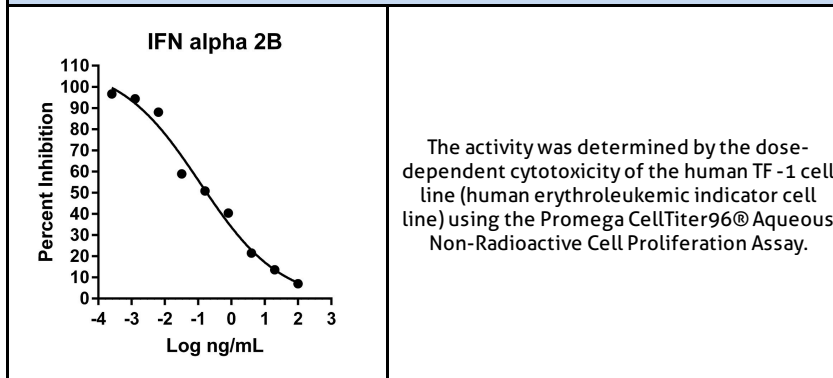
Animal-free Recombinant Human IFN alpha 2B is expressed in human 293 cells as a monomeric glycoprotein with an apparent molecular mass of 16 kDa. This cytokine is produced in a serum-free, chemically defined media. Production in human 293 cells offers authentic glycosylation which contributes to stability in cell growth media and other applications. The purity is greater than 95%.

Alternative Names	IFN alpha 2, IFNA, IFNA2, INFA2, Interferon alpha 2, Interferon alpha A, interferon, alpha 2, LeIF A
Source	Human Embryonic Kidney cells (HEK293). HEK293-derived IFN alpha 2B protein

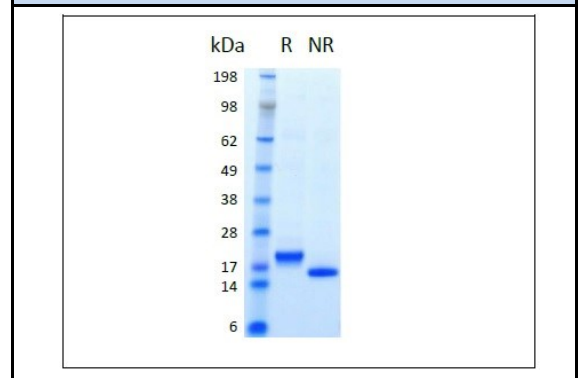
Specifications

Test	Method	Specification
Activity	Dose-dependent cytotoxicity of the human TF -1 cell line (human erythroleukemic indicator cell line)	Typically ≤ 0.12 ng/mL EC50
Molecular Mass	SDS-PAGE	16 kDa, monomer, glycosylated
Purity	SDS-PAGE	>95%
Endotoxin	LAL	<1 EU/ μ g

Activity Data



SDS-PAGE



Preparation	
Shipping Temperature	ambient temperature
Formulation	1x PBS, See Certificate of Analysis for details
Reconstitution	Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1xPBS containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

Stability and Storage	Product Form	Temperature Conditions	Storage Time (From Date of Receipt)
	Lyophilized	-20°C to -80°C	Until Expiry Date
	Lyophilized	Room Temperature	2 weeks
	Reconstituted as per CofA	-20°C to -80°C	6 months
	Reconstituted as per CofA	4°C	1 week
Avoid repeated freeze-thaw cycles.			

www.ptglab.com

Document #: FR-QA118-101 Rev 0
Data Sheet Version #: 1

Proteintech Group, Inc.
5500 Pearl Street, Suite 400 Rosemont, IL 60612
t: 1-888-478-4522; f: 1-312-455-8408
Email: proteintech@ptglab.com