


**Recombinant Human  
IFN alpha 2B**

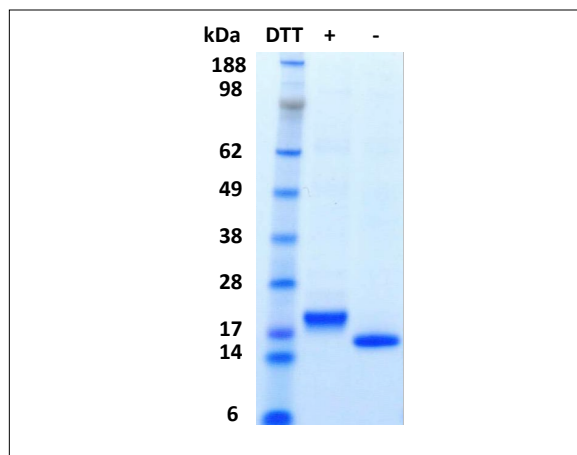
**IFN alpha 2B HumaXpress**

**Product Description**

- Endotoxin-free\*
- Animal-derived product free
- Available in Bulk
- High Activity
- Authentic Glycosylation

Xeno-free IFN alpha 2B<sup>HuXP</sup> 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%.

 All HumaXpress® HumanKine™ cytokines are animal-component-free and Xeno-free™



**Typical Specifications**

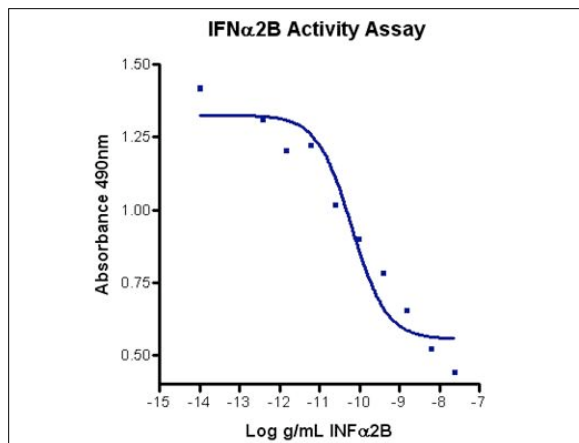
**Species** Human  
**Expression** Human Cell Expressed  
**Activity** 0.02 to 0.08 ng/mL ED50  
**Purity** >95%  
**Endotoxin** Endotoxin-free\*  
**Molecular Mass** 16 kDa, monomer, glycosylated

**Purity Confirmation**

The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

**Activity Assay**

The specific activity was determined by the dose-dependent cytotoxicity of the human TF-1 cell line (human erythroleukemic indicator cell line).



\* Endotoxin-free ... <1 EU/μg  
 All HumanKine™ cytokines are expressed in the HumaXpress® human cell expression system and intrinsically have low endotoxin levels.

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