

**Recombinant Human
IFN alpha 2A (Interferon alpha 2A)**

Catalog # (Size): HZ-1066 (10µg) HZ-1067 (100µg) HZ-1093 (1000µg)

Product Description

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

Xeno-free IFN alpha 2A^{HuXp} is expressed in human 293 cells as a monomeric glycoprotein with an apparent molecular mass of 16 kDa. It is a type 1 interferon and is also known as leukocyte interferon. 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%.

Typical Specifications

Species	Human
Expression	HEK293 Cell Expressed
Activity	Typically ≤ 0.4 ng/mL EC ₅₀
Purity	>95%
Endotoxin	<1 EU/µg
Molecular Mass	16 kDa, monomer, glycosylated
Formulation	1x PBS

Purity Confirmation

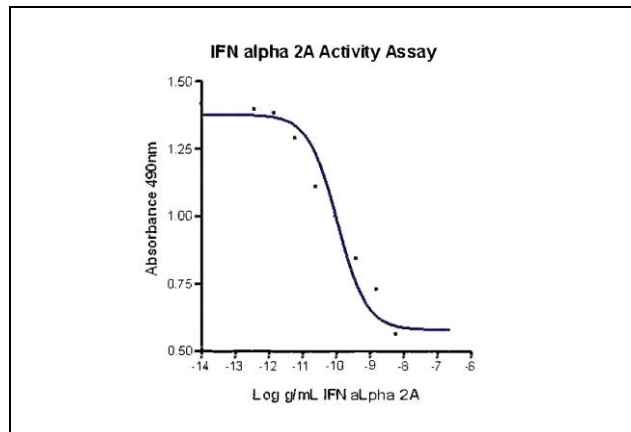
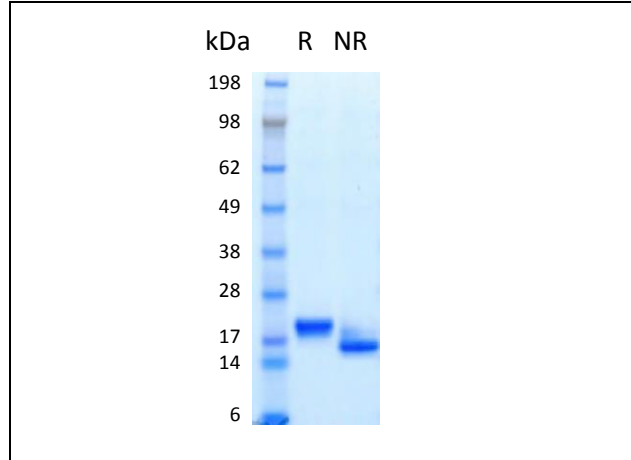
The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

Activity Assay

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



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



Reconstitution Buffer

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1x PBS containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

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