

Recombinant Human IFN alpha 2A

Catalog Number: **HZ-1066**

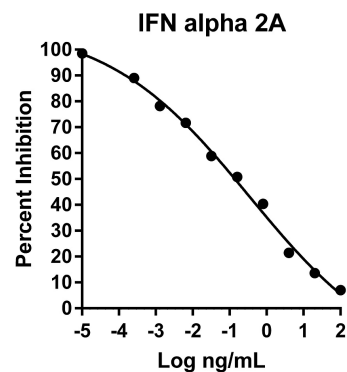
HEK293 expressed

Endotoxin-free

Animal-component free

Technical Specifications

Species	human
Expression	HEK293
Activity	Typically ≤ 0.4 ng/mL EC50
Purity	>95%
Endotoxin	<1 EU/ μ g
Molecular Mass	16 kDa, monomer, glycosylated
Formulation	1x PBS, See Certificate of Analysis for details
Gene ID	3440



The activity was determined by the dose-dependent cytotoxicity of the human TF-1 cell line (human erythroleukemic indicator cell line) using the Promega CellTiter96[®] Aqueous Non-Radioactive Cell Proliferation Assay.

Reconstitution Buffer

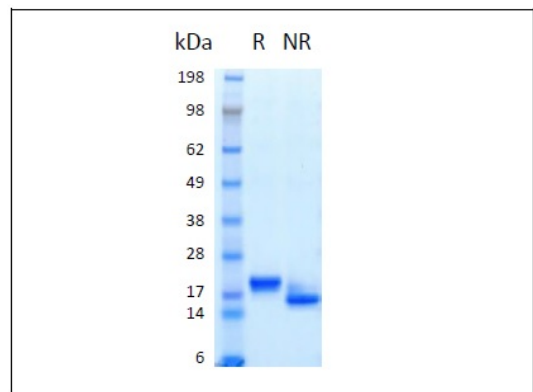
Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1xPBS containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

Stability and Storage

Lyophilized proteins are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted products.

Product Description

Animal-free Recombinant Human IFN alpha 2A 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%.



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

Synonyms

IFN alpha 2, IFN alpha 2A, IFNA, IFNA2, INFA2, Interferon alpha 2, Interferon alpha A, interferon, alpha 2, LeIF A

For technical support and original validation data for this product please contact:

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