

Catalog Number: HZ-1066

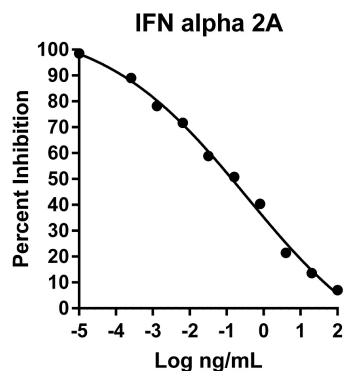
HEK293 expressed

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 |



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).

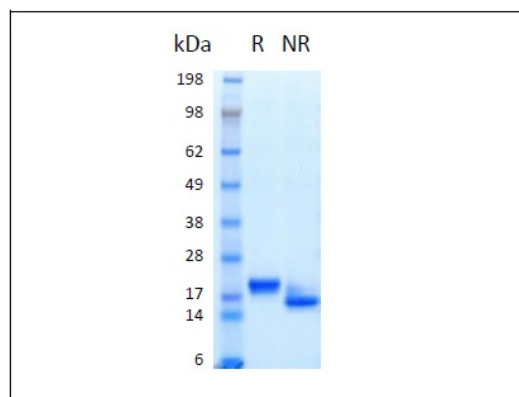
The activity was determined by the dose-dependent cytotoxicity of the human TF-1 cell line (human erythroleukemic indicator cell line) using the Promega CellTiter96[®] Aqueous Non-Radioactive Cell Proliferation Assay.

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. R represents reducing conditions and NR represents non-reducing conditions.

Synonyms

IFNalpha2A

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

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