



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Interferon alpha1, human recombinant (rHuIFN-alpha1)

**Catalog No:** 94919  
**Lot No:** XXXXX  
**Source:** *E. coli*  
**Synonyms:** IFNA1, IFN-alpha 1, Interferon -a

### Background

Interferons are cytokines that are widely known to induce potent anti-viral activity. Interferon- $\alpha$  exerts a variety of other biological effects, including antitumor and immunomodulatory activities and are increasingly used clinically to treat a range of malignancies, myelodysplasias and autoimmune diseases.

### Description

IFNA1 human recombinant produced in *E. coli* is a single, non-glycosylated, polypeptide chain containing 167 amino acids (24-189) and having a molecular mass of 19.5 kDa. IFN-alpha 1 is purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile filtered colorless solution.

### Formulation

1 mg/ml in phosphate-buffered saline (PBS), pH 7.4.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Purity

Greater than 95.0% as determined by SDS-PAGE.

### Amino Acid Sequence

MCDLPETHSL DNRRTLMLLA QMSRISPSSC LMDRHDFGFP QEEFDGNQFQ KAPAVISVLHE LIQQIFNLFT TKDSSAAWDE  
DLLDKFCTEL YQQLNDLEAC VMQEERVGET PLMNVDSILA VKKYFRRITL YLTEKKYSPC AWEVVRAEIM RSLSLSTNLQ  
ERLRRKE

### Usage

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