



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Interferon Regulatory Factor-1, His Tag, human recombinant (rHuIRF-1-His)

**Catalog No:** 94983  
**Lot No:** XXXXX  
**Source:** *E. coli*  
**Synonyms:** IRF-1, IRF1, MAR

### Background

IRF1, Interferon regulatory factor 1, is a member of the interferon regulatory transcription factor (IRF) family which regulates gene expression critical to immune response, hematopoiesis and proliferation. IRF-1 is a transcriptional activator for IFN-A, IFN-B, and IFN-G stimulated genes. IRF1 is also a tumor suppressor transcription factor inducing apoptosis of tumorigenic cell lines.

### Description

Interferon Regulatory Factor-1 human recombinant produced in *E. coli* is a single, non-glycosylated, polypeptide chain containing 134 amino acids (1-114) with a His Tag of 20 aa, and having a molecular mass of 15 kDa. IRF-1 is purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile filtered colorless solution.

### Formulation

1 mg/ml in 20 mM Tris pH 8 and 10% glycerol.

### Stability

Liquid Interferon, although stable at 10°C for 1 week, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

### Purity

Greater than 90.0% as determined by (a) Analysis by RP-HPLC, (b) Analysis by SDS-PAGE.

### Amino Acid Sequence

MGSSHHHHHH SSSLVPRGSH MPITRMRMRP WLEMQINSNQ IPGLIWINKE EMIFQIPWKH AAKHGWDINK DACLFRSWAI  
HTGRYKAGEK EPDPKTKAN FRCAMNSLPD IEEVKDQSRN KGSSAVRVYR MLPP

### Usage

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