

# Recombinant human IRF2 protein

Catalog Number: IRF0703

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-113aa

### UniProt No.

P14316

### NCBI Accession No.

NP\_002190

### Alternative Names

Interferon regulatory factor-2, Interferon regulatory factor 2, DKFZp686F0244, IRF2, IRF2, 1-113 aa His-tagged, IRF-2, Interferon regulatory factor-2 IRF 2.

## PRODUCT SPECIFICATION

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### Molecular Weight

15 kDa ( 133aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

### Purity

> 95% by SDS-PAGE

### Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

Interferon regulatory factor (IRF) 2 is a member of the interferon regulatory transcription factor family. IRF-2 is generally regarded as an oncoprotein. Structure of IRF1 and IRF2 are similar. However, its functions are different. IRF2 competitively inhibits the IRF1-mediated transcriptional activation of interferons alpha and beta,

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and presumably other genes that employ IRF1 for transcription activation. Recombinant human IRF2 was expressed in *E. coli* and purified by using conventional chromatography techniques.

## Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MPVERMRMRP WLEEQINSNT IPGLKWLNKE KKIFQIPWMH AARHGWDVEK  
DAPLFRNWAI HTGKHQPGVD KPDPKTWKAN FRCAMNSLPD IEEVKDKSIK KGNNAFRVYR MLP

## General References

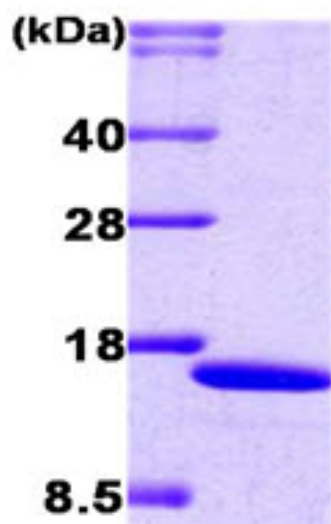
Harada, H., et al. (1989) *Cell*. 58(4):729-739

Matsuyama T., et al. (1993) *Cell* 75(1):83-97

## DATA

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### SDS-PAGE



3 $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3 $\mu$ g)