

Recombinant human IRF2 protein

Catalog Number: IRF0703

PRODUCT INFORMATION

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

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

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

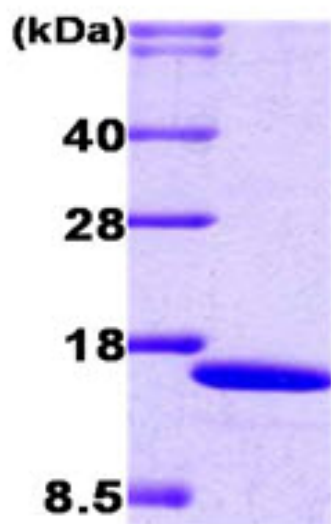
General References

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

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

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3 μ g)