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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

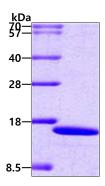
< MGSSHHHHHH SSGLVPRGSH> MPVERMRMRP WLEEQINSNT IPGLKWLNKE KKIFQIPWMH AARHGWDVEK DAPLFRNWAI HTGKHQPGVD KPDPKTWKAN FRCAMNSLPD IEEVKDKSIK KGNNAFRVYR MLP

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



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

