

IRF2, 1-113 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP02687

3th Edition

Synonyms: Interferon regulatory factor 2, IRF-2, DKFZp686F0244

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, 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.

Form: Liquid. In 20mM Tris pH 8.0, 1 mM DTT, 10% glycerol

Molecular Weight: 15 kDa (133 aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMPVERMRMRPWLEEQINSNTIPGLKWLNKEKKIFQIPWMHAARHGWDVEKDAPL
FRNWAHTGKHQPGVDKDPKTKANFRFCAMNSLPDIEEVKDKSIKKGNNAFRVYRMLP

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.