

IRF1, 1-114aa Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP02686

3th Edition

Synonyms:Interferon regulatory factor-1

Description: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- α , IFN- β , and IFN- γ stimulated genes. IRF1 is also a tumor suppressor transcription factor inducing apoptosis of tumorigenic cell lines. Recombinant human IRF1 was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0), 10% glycerol

Molecular Weight:15 kDa (134 aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMPITRMRMRPWLEMQINSNQIPGLIWINKEEMIFQIPWKHAAKHGWDINKDACLF
RSWAIHTGRYKAGEKEPDKPTWKANFRFCAMNSLPDIEEVKDQSRNKGSSAVRVYRMLPP

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.