

32-1333: IRF 1 Recombinant Protein

Alternative Name : IRF-1,IRF1,MAR.

Description

Source : Escherichia Coli. Interferon Regulatory Factor-1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 134 amino acids (1-114) with a His Tag of 20 aa, and having a molecular mass of 15 kDa. The IRF-1 is purified by proprietary chromatographic techniques. 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-A, IFN-B, and IFN-G stimulated genes. IRF1 is also a tumor suppressor transcription factor inducing apoptosis of tumorigenic cell lines.

Product Info

Amount : 20 µg

Purification : Greater than 90.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Content : 1 mg/ml in 20mM Tris pH-8 and 10% glycerol.

Storage condition : Liquid Interferon although stable at 10°C for 1 week, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MPITRMRMRP WLEMQINSNQ IPGLIWINKE
EMIFQIPWKHAAKHGWDINK DACLFRSWAI HTGRYKAGEK EPDPKTWKAN FRCAMNSLPD
IEEVKDQSRN KGSSAVRVYR MLPP.

