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# 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

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| **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. |

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***