

## 32-1334: IRF 2 Recombinant Protein

**Alternative Name :** IRF-2,IRF2,MAR,DKFZp686F0244,Interferon regulatory factor 2.

### Description

Source : Escherichia Coli. Interferon Regulatory Factor-2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 133 amino acids (1-113) with a His Tag of 20 aa, and having a molecular mass of 15 kDa.The IRF2 is purified by proprietary chromatographic techniques. Interferon regulatory factor 2 is a member of the interferon regulatory transcription factor (IRF) family. IRF2 competitively inhibits the IRF1-mediated transcriptional activation of interferons alpha and beta, and presumably other genes that employ IRF1 for transcription activation. However, IRF2 also functions as a transcriptional activator of histone H4. IRF2 binds to the upstream regulatory region of type-1 IFN and IFN-inducible MHC class-1 genes (the interferon consensus sequence (ics) and represses those genes.

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 20 µg   |
| <b>Purification :</b>      | Greater than 95.0% as determined by SDS-PAGE.   |
| <b>Content :</b>           | 1 mg/ml in 20mM Tris pH-8, 1mM DTT and 10% Glycerol.  |
| <b>Storage condition :</b> | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles. |
| <b>Amino Acid :</b>        | MGSSHHHHHH SSGLVPRGSH MPVERMRMRP WLEEQINSNT IPGLKWLNKE<br>KKIFQIPWMHAARHGWDVEK DAPLFRNWAI HTGKHQPGVD KPDPKTWKAN FRCAMNSLPD<br>IEEVKDKSIKKGNNAFRVYR MLP.   |

