

AR09055PU-L**Recombinant human IRF1 (aa 1-114), His-tagged****Alternate names:**

IRF-1, Interferon regulatory factor 1

Quantity:

0.5 mg

Concentration:

1.0 mg/ml

Background:

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.

Uniprot ID:[P10914](#)**NCBI:**[NP_002189.1](#)**GeneID:**[3659](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** ≥ 90 by SDS-PAGE**Buffer System:** 20 mM Tris 8.0, 10% glycerol**Description:**

Recombinant human IRF1, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SGLVPRGSH MPITRMRMP WLEMQINSNQ IPGLIWINKE EMIFQIPWKH
AAKHGWDINK DACLFRSWAI HTGRYKAGEK EPDPKTWKAN FRCAMNSLPD IEEVKDQSRN
KGSSAVRVYR MLPP

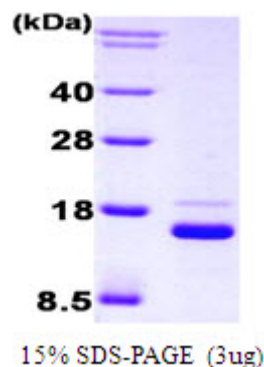
Molecular weight: kDa (134 aa)**Storage:**

Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Liu J., et al. (2005) J Biol Chem. 280(26):24347-55.

Pictures:

IRF-1: 15% SDS PAGE

