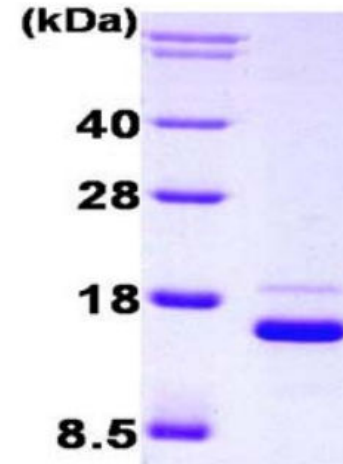


# IRF1, human recombinant

<b>CATALOG #:</b>	7321-100	100 µg
<b>ALTERNATE NAMES:</b>	Interferon regulatory factor-1, MAR	
<b>SOURCE:</b>	E. coli	
<b>PURITY:</b>	> 90% by SDS-PAGE	
<b>MOL. WEIGHT:</b>	15 kDa (134 aa, 1-114 aa + His tag), confirmed by MALDI-TOF.	
<b>ENDOTOXIN LEVEL:</b>	< 1.0 EU per 1 µg of protein	
<b>FORM:</b>	Liquid	
<b>FORMULATION:</b>	1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) and 10% glycerol.	
<b>STORAGE CONDITIONS:</b>	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.	

**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-alpha, IFN-beta, and IFN-gamma 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.

**AMINO ACID SEQUENCE:** MGSSHHHHHH SSGLVPRGSH MPITRMRMRP  
WLEMQINSNQ IPGLIWINKE EMIFQIPWKH AAKHGWDINK DACLFRSWAI  
HTGRYKAGEK EPDPKTWKAN FRCAMNSLPD IEEVKDQSRN KGSSAVRVYR MLPP



15% SDS-PAGE (3µg)

IRF1, human recombinant

## RELATED PRODUCTS:

- IRF2, human recombinant (Cat. No. 7322-100)
- IRF3, human recombinant (Cat. No. 7323-100)
- IL18BP, human recombinant (Cat. No. 7324-100)
- IL1F10, human recombinant (Cat. No. 7325-100)
- IL18, mouse recombinant (Cat. No. 7326-100)

**FOR RESEARCH USE ONLY! Not to be used in humans.**