

## Recombinant Human IRF1 protein, MYC/DDK-tagged

Cat. No. IRF1-128H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IRF1 fused MYC/DDK tag at C-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	IRF1 encodes interferon regulatory factor 1, a member of the interferon regulatory transcription factor (IRF) family. IRF1 serves as an activator of interferons alpha and beta transcription, and in mouse it has been shown to be required for double-stranded RNA induction of these genes. IRF1 also functions as a transcription activator of genes induced by interferons alpha, beta, and gamma. Further, IRF1 has been shown to play roles in regulating apoptosis and tumor-suppression.
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	36.3 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

**Gene Name** IRF1 interferon regulatory factor 1 [ Homo sapiens ]

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<b>Official Symbol</b>	IRF1
<b>Synonyms</b>	IRF1; interferon regulatory factor 1; MAR; IRF-1;
<b>Gene ID</b>	3659
<b>mRNA Refseq</b>	NM_002198
<b>Protein Refseq</b>	NP_002189
<b>MIM</b>	147575
<b>UniProt ID</b>	P10914
<b>Chromosome Location</b>	5q23-q31
<b>Pathway</b>	Apoptosis, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Glucocorticoid receptor regulatory network, organism-specific biosystem; Hemostasis, organism-specific biosystem; Hepatitis C, organism-specific biosystem; Hepatitis C, conserved biosystem;
<b>Function</b>	regulatory region DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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