

Recombinant Human IRF1 protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant Human IRF1 fused MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	36.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	IRF1 interferon regulatory factor 1 [Homo sapiens]
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Official Symbol	IRF1
Synonyms	IRF1; interferon regulatory factor 1; MAR; IRF-1;
Gene ID	3659
mRNA Refseq	NM_002198
Protein Refseq	NP_002189
MIM	147575
UniProt ID	P10914
Chromosome Location	5q23-q31
Pathway	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;
Function	regulatory region DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;