



# Human IRF1 peptide (DAG-P0694)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

**Antigen 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. [provided by RefSeq, Jul 2008]

**Conjugate** Unconjugated

**Sequence Similarities** Belongs to the IRF family. Contains 1 IRF tryptophan pentad repeat DNA-binding domain.

**Format** Liquid

**Preservative** None

**Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

## GENE INFORMATION

**Gene Name** [IRF1 interferon regulatory factor 1 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** IRF1

**Synonyms** IRF1; interferon regulatory factor 1; MAR; IRF-1; interferon regulatory factor 1 isoform d78;

**Entrez Gene ID** [3659](#)

**mRNA Refseq** [NM\\_002198.2](#)

**Protein Refseq** [NP\\_002189.1](#)

<b>UniProt ID</b>	P10914
<b>Chromosome Location</b>	5q31.1
<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; IFN-gamma pathway, organism-specific biosystem; IL-7 Signaling Pathway, organism-specific biosystem; IL1
<b>Function</b>	DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding; protein binding; sequence-specific DNA binding transcription factor activity;