



# Human IRF2 peptide (DAG-P1642)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	IRF2 encodes interferon regulatory factor 2, a member of the interferon regulatory transcription factor (IRF) family. IRF2 competitively inhibits the IRF1-mediated transcriptional activation of interferons alpha and beta, and presumably other genes that employ IRF1 for transcription activation. However, IRF2 also functions as a transcriptional activator of histone H4. [provided by RefSeq, Jul 2008]
<b>Specificity</b>	Expressed throughout the epithelium of the colon. Also expressed in lamina propria.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the IRF family. Contains 1 IRF tryptophan pentad repeat DNA-binding domain.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">IRF2 interferon regulatory factor 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	IRF2
<b>Synonyms</b>	IRF2; interferon regulatory factor 2; IRF-2;
<b>Entrez Gene ID</b>	<a href="#">3660</a>
<b>mRNA Refseq</b>	<a href="#">NM_002199.3</a>

<b>Protein Refseq</b>	<a href="#">NP_002190.2</a>
<b>UniProt ID</b>	P14316
<b>Chromosome Location</b>	4q34.1-q35.1
<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; Hemostasis, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Interferon Signaling, organism-specific biosystem; Interferon alpha/beta signaling, organism-specific biosystem; Interferon gamma signaling, organism-specific
<b>Function</b>	DNA binding; protein binding; regulatory region DNA binding; sequence-specific DNA binding transcription factor activity;