

# Recombinant Human Interferon Regulatory Factor-2, His-tagged

**Cat. No.** IRF2-366H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human IRF2 was expressed in E.coli and purified by using conventional chromatography techniques, 15 kDa ( 133 aa).
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Interferon regulatory factor (IRF) 2 is a member of the interferon regulatory transcription factor family. IRF-2 is generally regarded as an oncoprotein. Structure of IRF1 and IRF2 are similar. However, its functions are different. IRF2 competitively inhibits the IRF1-mediated transcriptional activation of interferons alpha and beta, and presumably other genes that employ IRF1 for transcription activation.
<b>Sequences of amino acids</b>	MGSSHHHHHH SGLVPRGSH MPVERMRMRP WLEEQINSNT IPGLKWLNKE KKIFQIPWMH AARHGWDVEK DAPLFRNWAI HTGKHQPGVD KPDPKTWKAN FRCAMNSLPD IEEVKDKSIK KGNNAFRVYR MLP
<b>Formulation</b>	Liquid. In 20mM Tris pH 8.0, 1 mM DTT, 10% glycerol
<b>Purity</b>	> 95 % by SDS - PAGE
<b>Concentration</b>	1 mg/ml (determined by Bradford assay)
<b>Storage</b>	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and

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store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

## GENE INFORMATION

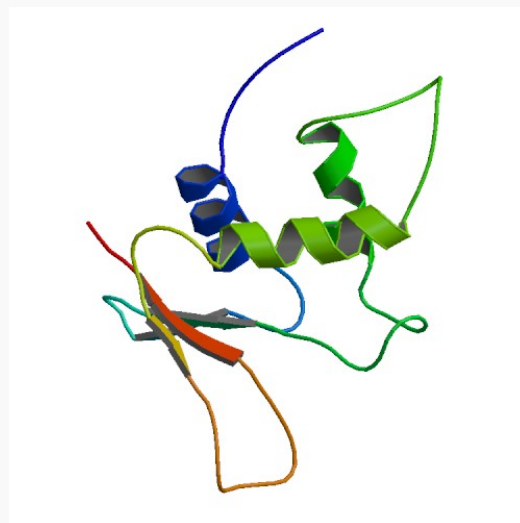
<b>Gene Name</b>	IRF2 interferon regulatory factor 2 [ Homo sapiens ]
<b>Synonyms</b>	DKFZp686F0244; IRF-2; interferon regulatory factor 2; IRF2; Interferon regulatory factor-2
<b>Gene ID</b>	3660
<b>mRNA Refseq</b>	NM_002199
<b>Protein Refseq</b>	NP_002190
<b>MIM</b>	147576
<b>UniProt ID</b>	P14316
<b>Chromosome Location</b>	4q34.1-q35.1
<b>Pathway</b>	
<b>Function</b>	RNA polymerase II transcription factor activity; protein binding; transcription factor activity

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PDBrendering based  
on 1irf. Available  
structures:1irf,1irg,2irf



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