

Recombinant Human Interferon Regulatory Factor-2, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human IRF2 was expressed in E.coli and purified by using conventional chromatography techniques, 15 kDa (133 aa).
Species	Human
Source	E.coli
Description	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.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MPVERMRMRP WLEEQINSNT IPGLKWLNKE KKIFQIPWMH AARHGWDVEK DAPLFRNWAI HTGKHQPGVD KPDPKTKWKN FRCAMNSLPD IEEVKDKSIK KGNNAFRVYR MLP
Formulation	Liquid. In 20mM Tris pH 8.0, 1 mM DTT, 10% glycerol
Purity	> 95 % by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Storage	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

Gene Name	IRF2 interferon regulatory factor 2 [Homo sapiens]
Synonyms	DKFZp686F0244; IRF-2; interferon regulatory factor 2; IRF2; Interferon regulatory factor-2
Gene ID	3660
mRNA Refseq	NM_002199
Protein Refseq	NP_002190
MIM	147576
UniProt ID	P14316
Chromosome Location	4q34.1-q35.1
Pathway	
Function	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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