

Recombinant Human IRF5 Protein, Myc/DDK-tagged

Cat. No. IRF5-005H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Homo sapiens interferon regulatory factor 5 (IRF5), transcript variant 7 with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	This gene encodes a member of the interferon regulatory factor (IRF) family, a group of transcription factors with diverse roles, including virus-mediated activation of interferon, and modulation of cell growth, differentiation, apoptosis, and immune system activity. Members of the IRF family are characterized by a conserved N-terminal DNA-binding domain containing tryptophan (W) repeats. Alternative promoter use and alternative splicing result in multiple transcript variants, and a 30-nt indel polymorphism (SNP rs60344245) can result in loss of a 10-aa segment.
Molecular Mass	54.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

GENE INFORMATION

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Gene Name	IRF5 interferon regulatory factor 5 [Homo sapiens (human)]
Official Symbol	IRF5
Synonyms	IRF5; interferon regulatory factor 5; SLEB10; interferon regulatory factor 5
Gene ID	3663
mRNA Refseq	NM_001098631
Protein Refseq	NP_001092101
MIM	607218
UniProt ID	Q13568

