

Recombinant Human IRF5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IRF5-4765H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IRF5 MS Standard C13 and N15-labeled recombinant protein (NP_001092099) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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	57.8 kDa
AA Sequence	MNQSI PVAPT PPRRVRLKPWLVAQVNSCQYPGLQWVNGEKKLFCIPWRHATR HGPSQDGDNTIFKAWAKETGKYTEGVDEADPAKWKANLRCALNKSRDFRLIYDGPRDMP PQPYKIYEVC SNGPAPTDSQP PEDYSFGAGEEEEEEEEEELQRM LPSLSLTD AVQSGPHMTPYSLLKEDVKWPPTLQPPTLRPPTLQPPTLQPPVVLGPPAPDPSPLAPPPGNPAGFRELLSEVLEPGPLPASLP PAGEQLLPDLLISPHMLPLTDLEIKFQYRGRPPRALTISNPHGCRLFYSQLEATQE QVELFGPISLEQVRFPSPEDIPSDKQRFYTNQLLDVLD

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RGLILQLQGQDLYAIRLCQCKVFWSGPCASAHDS CPNPIQREVKT KLFSL EHF LNELI
 LFQKGQTNT PPPFEIFFCFGE EWPDRKPREKKLITVQVVPVAARLLLEMFSGELSWS
 ADSIRLQISNPDLKDRMVEQFKELHHIWQSQQRLQPVAQAPPGAGLGVGQGPWPM
 HPAGMQTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name IRF5 interferon regulatory factor 5 [Homo sapiens (human)]

Official Symbol IRF5

Synonyms IRF5; interferon regulatory factor 5; IRF-5; SLEB10;

Gene ID 3663

mRNA Refseq NM_001098629

Protein Refseq NP_001092099

MIM 607218

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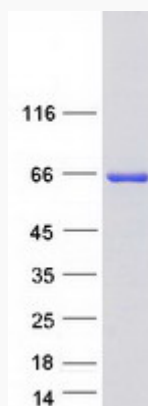
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UniProt ID

Q13568

SDS-PAGE

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