

Recombinant Human IRF3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IRF3-4151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IRF3 MS Standard C13 and N15-labeled recombinant protein (NP_001562) 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 transcription factor (IRF) family. The encoded protein is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Molecular Mass	47.2 kDa
AA Sequence	MGTPKPRILPWLVSQDLGQLEGVAWVNKSRTFRIPWKHGLRQDAQQEDFGIFQA WAEATGAYVPGRDKPDLPTWKRNFERSALNRKEGLRLAEDRSKDPHPHKEYEFVN SGVGDFSQPDTSPTDNGGGSTSDTQEDILDELLGNMVLAPLPDPGPPSLAVAPEPC PQPLRSPSLDNPTFPNLPSENPLKRLLVPGEEWEFEVTAIFYRGRQVFQQTISCP EGLRLVGSEVGDRITLPGWPVTLDPGMSLTDRGVMSYVRHVLSCGGGLALWRA GQWLWAQRLGHCHTYWAVSEELLPSNGHGPDPGEVVPKDKKEGGVFDLGPFFIVDLITF TEGSGRSPRYALWFCVGESWPQDQPWTKRLVMKVVPTCLRALVEMARVGGASS

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LENTVDLHISNSHPLSLTSDQYKAYLQDLVEGMDFQGPGESTRTRPLEQKLISEEDL
AANDILDYKDDDDKV

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 IRF3 interferon regulatory factor 3 [Homo sapiens (human)]

Official Symbol IRF3

Synonyms IRF3; interferon regulatory factor 3; IIAE7; interferon regulatory factor 3

Gene ID 3661

mRNA Refseq NM_001571

Protein Refseq NP_001562

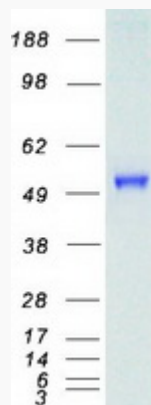
MIM 603734

UniProt ID Q14653

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SDS-PAGE

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