

Recombinant Human IRF8 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IRF8-4899H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IRF8 MS Standard C13 and N15-labeled recombinant protein (NP_002154) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Interferon consensus sequence-binding protein (ICSBP) is a transcription factor of the interferon (IFN) regulatory factor (IRF) family. Proteins of this family are composed of a conserved DNA-binding domain in the N-terminal region and a divergent C-terminal region that serves as the regulatory domain. The IRF family proteins bind to the IFN-stimulated response element (ISRE) and regulate expression of genes stimulated by type I IFNs, namely IFN-alpha and IFN-beta. IRF family proteins also control expression of IFN-alpha and IFN-beta-regulated genes that are induced by viral infection.
Molecular Mass	48.4 kDa
AA Sequence	MCDRNGGRRLRQWLIEQIDSSMYPGLIWENEEKSMFRIPWKHAGKQDYNQEVDASI FKAWAVFKGKFKEGDKAEPATWKTRLRCALNKSPDFEEVTDRSQLDISEPYKVYRIV PEEEQKCKLGVATAGCVNEVTEMECGRSEIDELIKEPSVDDYMGMIKRSPSPPEAC RSQLLPDWWAQQPSTGVPLVTGYTTYDAHHSQFMVISFYGGKLVGQATTTC EGCRLSLSQPGLPGTKLYGPEGLELVRFPADAIQSERQVRQVTRKLFHGLERGVLLH

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SSRQGVFVKRLCQGRVFCSGNAVVCCKGRPNKLERDEVVQVFDTSQFFRELQQFYNSQGRLPDGRVVLCFGEEFPDMAPLRSKLILVQIEQLYVRQLAEEAGKSCGAGSVMQAPEEPPPDQVFRMFDPICASHQRSFFRENQQITVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 IRF8 interferon regulatory factor 8 [Homo sapiens (human)]

Official Symbol IRF8

Synonyms IRF8; interferon regulatory factor 8; ICSBP1, interferon consensus sequence binding protein 1; ICSBP; IRF 8; interferon consensus sequence binding protein 1; IRF-8; ICSBP1; H-ICSBP;

Gene ID 3394

mRNA Refseq NM_002163

Protein Refseq NP_002154

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MIM	601565
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UniProt ID	Q02556
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