

# Recombinant Human IRF2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** IRF2-908H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | IRF2 MS Standard C13 and N15-labeled recombinant protein (NP_002190) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | IRF2 encodes interferon regulatory factor 2, a member of the interferon regulatory transcription factor (IRF) family. IRF2 competitively inhibits the IRF1-mediated transcriptional activation of interferons alpha and beta, and presumably other genes that employ IRF1 for transcription activation. However, IRF2 also functions as a transcriptional activator of histone H4.                                         |
| <b>Molecular Mass</b>   | 39.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MPVERMRMRPWLEEQINSNTIPGLKWLNKEKKIFQIPWMHAARHGWDVEKDAPLF<br>RNWAIHTGKHQPGVDKPDPTWKANFRCAMNSLPDIEEVKD KSIKKGNNAFRVYR<br>MLPLSERPSKKGKKPKTEKEDKV KHIKQEPVESSLGLSNGVSDLSPEYAVLTSTIKNE<br>VDSTVNIIVVGQSHLDSNIENQEIVTNPPDICQVVEVTTESDEQPVSMSELYPLQISPV<br>SSYAESETTDSVPSDEESAEGRPHWRKRNI EGKQYLSNMGTRGSYLLPGMASFVT<br>SNKPD LQVTIKEESNPVPYNSSWPPFQDLPLSSSMT PASSSSRPDRETRASVIK KTS<br>DITQARVK SCTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                |

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|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

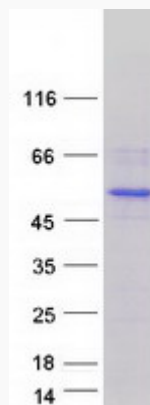
## GENE INFORMATION

|                        |                                                              |
|------------------------|--------------------------------------------------------------|
| <b>Gene Name</b>       | IRF2 interferon regulatory factor 2 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | IRF2                                                         |
| <b>Synonyms</b>        | IRF2; interferon regulatory factor 2; IRF-2; DKFZp686F0244;  |
| <b>Gene ID</b>         | 3660                                                         |
| <b>mRNA Refseq</b>     | NM_002199                                                    |
| <b>Protein Refseq</b>  | NP_002190                                                    |
| <b>MIM</b>             | 147576                                                       |
| <b>UniProt ID</b>      | P14316                                                       |

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**SDS-PAGE**

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