

## Recombinant Human IRF7 Protein, His-tagged

**Cat. No.** IRF7-896H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IRF7, transcript variant a, fused with His tag at N-terminal was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | IRF7 encodes interferon regulatory factor 7, a member of the interferon regulatory transcription factor (IRF) family. IRF7 has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including interferon beta chain genes. Inducible expression of IRF7 is largely restricted to lymphoid tissue. Multiple IRF7 transcript variants have been identified, although the functional consequences of these have not yet been established. |
| <b>Form</b>             | 50mM Tris, 8M Urea, pH8.0.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Molecular Mass</b>   | 54.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                 |

### GENE INFORMATION

|                  |                                                      |
|------------------|------------------------------------------------------|
| <b>Gene Name</b> | IRF7 interferon regulatory factor 7 [ Homo sapiens ] |
|------------------|------------------------------------------------------|

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|                 |                                                                                              |
|-----------------|----------------------------------------------------------------------------------------------|
| Official Symbol | IRF7                                                                                         |
| Synonyms        | IRF7; interferon regulatory factor 7; IRF-7; interferon regulatory factor-7H; IRF7A; IRF-7H; |
| Gene ID         | 3665                                                                                         |
| mRNA Refseq     | NM_001572                                                                                    |
| Protein Refseq  | NP_001563                                                                                    |
| MIM             | 605047                                                                                       |
| UniProt ID      | Q92985                                                                                       |

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