

# Recombinant Human IRF1 protein, His-HA-tagged

**Cat. No.** IRF1-3114H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IRF1 protein(P10914)(1-325aa), fused to N-terminal His tag and HA tag, was expressed in E. coli.                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 1-325aa                                                                                                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                           |
| <b>Molecular Mass</b>   | 43.6 kDa                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MPITRMRMRPWLEMQINSNQIPGLIWINKEEMIFQIPWKHAAKHGWDINKDACLFERS<br>WAIHTGRYKAGEKEPDPKTWKANFRCAMNSLPDIEEVKDQSRNKGSSAVRVYRML<br>PPLTKNQRKERKSKSSRDAKSKAKRKSCGDSSPDTFSDGLSSSTLPDDHSSYTVPG<br>YMQDLEVEQALTPALSPCAVSSTLPDWHIPVEVVPDSTSDLYNFQVSPMPSTSEATT<br>DEDEEGKLPEDIMKLLQSEWQPTNVDGKGYLLNEPGVQPTSVYGFDFSCKEEPEID<br>SPGGDIGLSLQRVFTDLKNMDATWLDSSLTPVRLPSIQAIPCAP |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                |

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**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**GENE INFORMATION**
**Gene Name**

IRF1 interferon regulatory factor 1 [ Homo sapiens ]

**Official Symbol**

IRF1

**Synonyms**

IRF1; interferon regulatory factor 1; MAR; IRF-1;

**Gene ID**

3659

**mRNA Refseq**

NM\_002198

**Protein Refseq**

NP\_002189

**MIM**

147575

**UniProt ID**

P10914

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