

Recombinant Human IRF9 Protein, His-tagged

Cat. No. IRF9-2337H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IRF9 Protein (Met1-Val393) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Val393
Description	This gene encodes a member of the interferon regulatory factor (IRF) family, a group of transcription factors with diverse roles, including virus-mediated activation of interferon, and modulation of cell growth, differentiation, apoptosis, and immune system activity. Members of the IRF family are characterized by a conserved N-terminal DNA-binding domain containing tryptophan (W) repeats. Mutations in this gene result in Immunodeficiency 65.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 43.7 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	IRF9 interferon regulatory factor 9 [Homo sapiens (human)]
Official Symbol	IRF9
Synonyms	IRF9; interferon regulatory factor 9; interferon stimulated transcription factor 3, gamma (48kD), interferon stimulated transcription factor 3, gamma 48kDa, ISGF3G; ISGF-3 gamma; ISGF3 p48 subunit; interferon-stimulated gene factor 3 gamma; transcriptional regulator ISGF3 subunit gamma; IFN-alpha-responsive transcription factor subunit; interferon-stimulated transcription factor 3, gamma 48kDa; interferon-stimulated transcription factor 3, gamma (48kD); p48; IRF-9; ISGF3; ISGF3G;
Gene ID	10379
mRNA Refseq	NM_006084
Protein Refseq	NP_006075

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MIM	147574
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UniProt ID	Q00978
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