

Recombinant Human IRF9 293 Cell Lysate

Cat. No. IRF9-5158HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for interferon regulatory factor 9 (IRF9) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

IRF9 interferon regulatory factor 9 [Homo sapiens]

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

MIM

147574

UniProt ID

Q00978

Chromosome Location

14q11.2

Pathway

Cytokine Signaling in Immune system, organism-specific biosystem; Hepatitis C,

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organism-specific biosystem; Hepatitis C, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; IFN-gamma pathway, organism-specific biosystem; Immune System, organism-specific biosystem;

Function

protein binding; regulatory region DNA binding; sequence-specific DNA binding transcription factor activity;

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