

Recombinant Human IRF4 293 Cell Lysate

Cat. No. IRF4-5165HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for interferon regulatory factor 4 (IRF4) 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

IRF4 interferon regulatory factor 4 [Homo sapiens]

Official Symbol

IRF4

Synonyms

IRF4; interferon regulatory factor 4; MUM1; LSIRF; multiple myeloma oncogene 1; lymphocyte-specific interferon regulatory factor; NF-EM5;

Gene ID

3662

mRNA Refseq

NM_001195286

Protein Refseq

NP_001182215

MIM

601900

UniProt ID

Q15306

Chromosome Location

6p25-p23

Pathway

Apoptosis, organism-specific biosystem; Calcineurin-regulated NFAT-dependent transcription in lymphocytes, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; IL4-mediated signaling events, organism-specific biosystem; Immune System, organism-specific biosystem; Interferon Signaling, organism-specific biosystem; Interferon alpha/beta signaling,

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organism-specific biosystem;

Function

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

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