

Recombinant Human IFI27 293 Cell Lysate

Cat. No. IFI27-5296HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for interferon, alpha-inducible protein 27 (IFI27), transcript variant 2 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 IFI27 interferon, alpha-inducible protein 27 [Homo sapiens]

Official Symbol IFI27

Synonyms IFI27; interferon, alpha-inducible protein 27; interferon alpha-inducible protein 27, mitochondrial; FAM14D; P27; ISG12(a); 2310061N23Rik; interferon-stimulated gene 12a protein; interferon alpha-induced 11.5 kDa protein; ISG12; ISG12A;

Gene ID 3429

mRNA Refseq NM_005532

Protein Refseq NP_005523

MIM 600009

UniProt ID P40305

Chromosome Location 14q32

Pathway Cytokine Signaling in Immune system, organism-specific biosystem; Immune System, organism-specific biosystem; Interferon Signaling, organism-specific biosystem; Interferon alpha/beta signaling, organism-specific biosystem;

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Function	molecular_function;
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