

Recombinant Human IFIT2 293 Cell Lysate

Cat. No. IFIT2-5287HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for interferon-induced protein with tetratricopeptide repeats 2 (IFIT2) 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

IFIT2 interferon-induced protein with tetratricopeptide repeats 2 [Homo sapiens]

Official Symbol

IFIT2

Synonyms

IFIT2; interferon-induced protein with tetratricopeptide repeats 2; G10P2, IFI54; cig42; GARG 39; IFI 54; ISG 54K; interferon-induced protein 54; interferon-induced 54 kDa protein; Interferon, alpha-inducible protein (MW 54kD); G10P2; IFI54; ISG54; IFI-54; IFIT-2; GARG-39; IFI-54K; ISG-54K; ISG-54 K;

Gene ID

3433

mRNA Refseq

NM_001547

Protein Refseq

NP_001538

MIM

147040

UniProt ID

P09913

Chromosome Location

10q23.31

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; Type II interferon

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signaling (IFNG), organism-specific biosystem;

Function

protein binding;

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