

Recombinant Human IFITM1 293 Cell Lysate

Cat. No. IFITM1-5283HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for interferon induced transmembrane protein 1 (9-27) (IFITM1) 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

IFITM1 interferon induced transmembrane protein 1 [Homo sapiens]

Official Symbol

IFITM1

Synonyms

IFITM1; interferon induced transmembrane protein 1; IFI17, interferon induced transmembrane protein 1 (9 27); interferon-induced transmembrane protein 1; 9 27; CD225; leu-13 antigen; interferon-induced protein 17; interferon-inducible protein 9-27; 9-27; IFI17; LEU13;

Gene ID

8519

mRNA Refseq

NM_003641

Protein Refseq

NP_003632

MIM

604456

UniProt ID

P13164

Chromosome Location

11p15.5

Pathway

Adaptive Immune System, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem; B cell receptor signaling pathway, conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem;

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Immune System, organism-specific biosystem; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell, organism-specific biosystem; Interferon Signaling, organism-specific biosystem;

Function	receptor signaling protein activity;
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