

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

pcDNA3.1 3xFlag IFIT1

RRID:Addgene_53554

Type: Plasmid

Proper Citation

RRID:Addgene_53554

Plasmid Information

URL: <http://www.addgene.org/53554>

Proper Citation: RRID:Addgene_53554

Insert Name: IFIT1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23317505](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5428; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3.1 3xFlag IFIT1

Record Creation Time: 20220422T222314+0000

Record Last Update: 20260905T075801+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1 3xFlag IFIT1.

No alerts have been found for pcDNA3.1 3xFlag IFIT1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Bhatnagar A, et al. (2024) TLR-mediated aggresome-like induced structures comprise antimicrobial peptides and attenuate intracellular bacterial survival. *Molecular biology of the cell*, 35(3), ar34.

Schindewolf C, et al. (2023) SARS-CoV-2 Uses Nonstructural Protein 16 To Evade Restriction by IFIT1 and IFIT3. *Journal of virology*, 97(2), e0153222.

Zhu Z, et al. (2023) The Interferon-Induced Protein with Tetratricopeptide Repeats Repress Influenza Virus Infection by Inhibiting Viral RNA Synthesis. *Viruses*, 15(7).

Teo QW, et al. (2023) Usp25-Erlin1/2 activity limits cholesterol flux to restrict virus infection. *Developmental cell*, 58(22), 2495.

Madhvi A, et al. (2022) Increased Interferon-Induced Protein With Tetracopeptides (IFITs) Reduces Mycobacterial Growth. *Frontiers in cellular and infection microbiology*, 12, 828439.

Liu R, et al. (2019) Vaccinia Virus Ankyrin-Repeat/F-Box Protein Targets Interferon-Induced IFITs for Proteasomal Degradation. *Cell reports*, 29(4), 816.