

Resource Summary Report

Generated by [dkNET](#) on Aug 5, 2026

Human V5-IRF3-pcDNA3

RRID:Addgene_32713

Type: Plasmid

Proper Citation

RRID:Addgene_32713

Plasmid Information

URL: <http://www.addgene.org/32713>

Proper Citation: RRID:Addgene_32713

Insert Name: IRF3

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20382888](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: Human V5-IRF3-pcDNA3

Record Creation Time: 20220422T222142+0000

Record Last Update: 20260801T081144+0000

Ratings and Alerts

No rating or validation information has been found for Human V5-IRF3-pcDNA3.

No alerts have been found for Human V5-IRF3-pcDNA3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Taefehshokr N, et al. (2024) SARS-CoV-2 NSP5 antagonizes MHC II expression by subverting histone deacetylase 2. *Journal of cell science*, 137(10).

You E, et al. (2024) Disruption of cellular plasticity by repeat RNAs in human pancreatic cancer. *Cell*, 187(25), 7232.

Kim J, et al. (2024) Downstream STING pathways IRF3 and NF- κ B differentially regulate CCL22 in response to cytosolic dsDNA. *Cancer gene therapy*, 31(1), 28.

Saheb Sharif-Askari N, et al. (2024) Multiple inborn errors of type I IFN immunity in a 33-year-old male with a fatal case of COVID-19. *Heliyon*, 10(8), e29338.

Choonnasard A, et al. (2024) Conserved Functions of Orthohepadnavirus X Proteins to Inhibit Type-I Interferon Signaling. *International journal of molecular sciences*, 25(7).

Ringo RS, et al. (2024) Conserved Antagonization of Type I Interferon Signaling by Arterivirus GP5 Proteins. *Viruses*, 16(8).

Stilp AC, et al. (2022) The chromatin remodeling protein ATRX positively regulates IRF3-dependent type I interferon production and interferon-induced gene expression. *PLoS pathogens*, 18(8), e1010748.

Matissek SJ, et al. (2022) A novel mechanism of regulation of the oncogenic transcription factor GLI3 by toll-like receptor signaling. *Oncotarget*, 13, 944.

Zhou H, et al. (2020) The IFNL4 Gene Is a Noncanonical Interferon Gene with a Unique but Evolutionarily Conserved Regulation. *Journal of virology*, 94(5).

Arwert EN, et al. (2020) STING and IRF3 in stromal fibroblasts enable sensing of genomic stress in cancer cells to undermine oncolytic viral therapy. *Nature cell biology*, 22(7), 758.

Song N, et al. (2019) MAVS O-GlcNAcylation Is Essential for Host Antiviral Immunity against Lethal RNA Viruses. *Cell reports*, 28(9), 2386.

He Z, et al. (2016) Dengue Virus Subverts Host Innate Immunity by Targeting Adaptor Protein MAVS. *Journal of virology*, 90(16), 7219.

Ni MM, et al. (2016) Inhibition of IRF3 expression reduces TGF- β 1-induced proliferation of hepatic stellate cells. *Journal of physiology and biochemistry*, 72(1), 9.

Andersen LL, et al. (2015) Functional IRF3 deficiency in a patient with herpes simplex encephalitis. *The Journal of experimental medicine*, 212(9), 1371.