

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

pMP31-1

RRID:Addgene_45905

Type: Plasmid

Proper Citation

RRID:Addgene_45905

Plasmid Information

URL: <http://www.addgene.org/45905>

Proper Citation: RRID:Addgene_45905

Insert Name: mitochondrial antiviral signaling protein

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22427742](#)

Vector Backbone Description: Backbone Marker:Sigma; Backbone Size:4700; Vector Backbone:pFLAG-CMV2; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pMP31-1

Record Creation Time: 20220422T222237+0000

Record Last Update: 20260902T045524+0000

Ratings and Alerts

No rating or validation information has been found for pMP31-1.

No alerts have been found for pMP31-1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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

Liu Y, et al. (2024) MAVS Cys508 palmitoylation promotes its aggregation on the mitochondrial outer membrane and antiviral innate immunity. Proceedings of the National Academy of Sciences of the United States of America, 121(34), e2403392121.

Chao CC, et al. (2019) Metabolic Control of Astrocyte Pathogenic Activity via cPLA2-MAVS. Cell, 179(7), 1483.

Ding S, et al. (2018) Rotavirus VP3 targets MAVS for degradation to inhibit type III interferon expression in intestinal epithelial cells. eLife, 7.