

Resource Summary Report

Generated by [RRID](#) on Aug 18, 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: 20260815T081527+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 [RRID](#) .

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.

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

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.