

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

Flag-Gsdmd

RRID:Addgene_80950
Type: Plasmid

Proper Citation

RRID:Addgene_80950

Plasmid Information

URL: <http://www.addgene.org/80950>

Proper Citation: RRID:Addgene_80950

Insert Name: Gsdmd

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27383986](#)

Vector Backbone Description: Backbone Marker:Sigma; Vector Backbone:pFlag-CMV-4; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: Flag-Gsdmd

Record Creation Time: 20220422T222527+0000

Record Last Update: 20260815T082042+0000

Ratings and Alerts

No rating or validation information has been found for Flag-Gsdmd.

No alerts have been found for Flag-Gsdmd.

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 [RRID](#) .

López-Pérez W, et al. (2025) TAK1 inhibition activates pore-forming proteins to block intracellular bacterial growth through modulating mitochondria. *Cell death & disease*, 16(1), 456.

Röck BF, et al. (2023) Pyroptosis Induction and Visualization at the Single-Cell Level Using Optogenetics. *Methods in molecular biology* (Clifton, N.J.), 2696, 135.

Liu J, et al. (2022) Procyanidin B2 Attenuates Nicotine-Induced Hepatocyte Pyroptosis through a PPAR γ -Dependent Mechanism. *Nutrients*, 14(9).

Lo TH, et al. (2021) Galectin-3 promotes noncanonical inflammasome activation through intracellular binding to lipopolysaccharide glycans. *Proceedings of the National Academy of Sciences of the United States of America*, 118(30).

Claude-Taupin A, et al. (2021) ATG9A protects the plasma membrane from programmed and incidental permeabilization. *Nature cell biology*, 23(8), 846.

Burgener SS, et al. (2019) Cathepsin G Inhibition by Serpinb1 and Serpinb6 Prevents Programmed Necrosis in Neutrophils and Monocytes and Reduces GSDMD-Driven Inflammation. *Cell reports*, 27(12), 3646.