

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

[pDB-His-MBP-mGSDMD](#)

RRID:Addgene_123365

Type: Plasmid

Proper Citation

RRID:Addgene_123365

Plasmid Information

URL: <http://www.addgene.org/123365>

Proper Citation: RRID:Addgene_123365

Insert Name: GSDMD

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:30361383](#)

Vector Backbone Description: Backbone Marker:Berkeley Structural Genomics Center; Backbone Size:6494; Vector Backbone:pDB-His-MBP; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pDB-His-MBP-mGSDMD

Record Creation Time: 20220422T221646+0000

Record Last Update: 20260815T080353+0000

Ratings and Alerts

No rating or validation information has been found for pDB-His-MBP-mGSDMD.

No alerts have been found for pDB-His-MBP-mGSDMD.

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](#) .

Xu J, et al. (2025) Chemically induced dimerization of GSDMD C-terminal domain blocks GSDMD N-terminal domain-mediated pyroptosis. *Cell death discovery*, 11(1), 456.

Chu X, et al. (2025) Ubiquitination of gasdermin D N-terminal domain directs its membrane translocation and pore formation during pyroptosis. *Cell death & disease*, 16(1), 181.

Chu X, et al. (2023) Gasdermin D-mediated pyroptosis is regulated by AMPK-mediated phosphorylation in tumor cells. *Cell death & disease*, 14(7), 469.

Yin J, et al. (2022) Cas9 exo-endonuclease eliminates chromosomal translocations during genome editing. *Nature communications*, 13(1), 1204.