

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pSLIK-IDH1-FLAG

RRID:Addgene_66802

Type: Plasmid

Proper Citation

RRID:Addgene_66802

Plasmid Information

URL: <http://www.addgene.org/66802>

Proper Citation: RRID:Addgene_66802

Insert Name: IDH1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24882210](#)

Vector Backbone Description: Backbone Marker:Ian Frasier, Addgene Plasmid #25737; Backbone Size:13918; Vector Backbone:pSLIK-hygro; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pSLIK-IDH1-FLAG

Record Creation Time: 20220422T222419+0000

Record Last Update: 20260808T082017+0000

Ratings and Alerts

No rating or validation information has been found for pSLIK-IDH1-FLAG.

No alerts have been found for pSLIK-IDH1-FLAG.

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 [SPARC SAWG](#) .

Mehjardi NZ, et al. (2023) The development of a hiPSC-based platform to identify tissue-dependencies of IDH1 R132H. *Cell death discovery*, 9(1), 452.

Yang FC, et al. (2022) Inhibitory effects of temozolomide on glioma cells is sensitized by RSL3-induced ferroptosis but negatively correlated with expression of ferritin heavy chain 1 and ferritin light chain. *Laboratory investigation; a journal of technical methods and pathology*, 102(7), 741.

Sears TK, et al. (2022) R132H IDH1 sensitizes glioma to the antiproliferative and cytotoxic effects of BET inhibition. *Journal of cancer research and clinical oncology*, 148(9), 2275.

Stuani L, et al. (2021) Mitochondrial metabolism supports resistance to IDH mutant inhibitors in acute myeloid leukemia. *The Journal of experimental medicine*, 218(5).

Chung C, et al. (2020) Integrated Metabolic and Epigenomic Reprograming by H3K27M Mutations in Diffuse Intrinsic Pontine Gliomas. *Cancer cell*, 38(3), 334.

Gelman SJ, et al. (2018) Consumption of NADPH for 2-HG Synthesis Increases Pentose Phosphate Pathway Flux and Sensitizes Cells to Oxidative Stress. *Cell reports*, 22(2), 512.