

Resource Summary Report

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

pSLIK-IDH2-R172K-FLAG

RRID:Addgene_66807

Type: Plasmid

Proper Citation

RRID:Addgene_66807

Plasmid Information

URL: <http://www.addgene.org/66807>

Proper Citation: RRID:Addgene_66807

Insert Name: IDH2

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

Comments: Insert gene obtained from Patrick Ward and Craig Thompson in the form of pLPCX-IDH2-R172K The depositor states that this plasmid behaves correctly based on on 2HG production (i.e. the metabolic activity of the enzyme).

Plasmid Name: pSLIK-IDH2-R172K-FLAG

Relevant Mutation: R172K

Record Creation Time: 20220422T222419+0000

Record Last Update: 20260808T082017+0000

Ratings and Alerts

No rating or validation information has been found for pSLIK-IDH2-R172K-FLAG.

No alerts have been found for pSLIK-IDH2-R172K-FLAG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Parker SJ, et al. (2021) Spontaneous hydrolysis and spurious metabolic properties of ??-ketoglutarate esters. Nature communications, 12(1), 4905.

Sabatier M, et al. (2021) Activation of Vitamin D Receptor Pathway Enhances Differentiating Capacity in Acute Myeloid Leukemia with Isocitrate Dehydrogenase Mutations. Cancers, 13(20).

Lim EW, et al. (2020) Deuterium Tracing to Interrogate Compartment-Specific NAD(P)H Metabolism in Cultured Mammalian Cells. Methods in molecular biology (Clifton, N.J.), 2088, 51.