

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

pKT-IDH1(R132H)-IRES-Katushka

RRID:Addgene_124257

Type: Plasmid

Proper Citation

RRID:Addgene_124257

Plasmid Information

URL: <http://www.addgene.org/124257>

Proper Citation: RRID:Addgene_124257

Insert Name: Isocitrate dehydrogenase 1 (R132H)

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:30760578](#)

Vector Backbone Description: Backbone Size:4891; Vector Backbone:pKT; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pKT-IDH1(R132H)-IRES-Katushka

Relevant Mutation: Arginine 132 is mutated to Histidine. This mutation is found in Low Grade Gliomas and produces the oncometabolite, 2-Hydroxyglutarate.

Record Creation Time: 20220422T221651+0000

Record Last Update: 20260815T080404+0000

Ratings and Alerts

No rating or validation information has been found for pKT-IDH1(R132H)-IRES-Katushka.

No alerts have been found for pKT-IDH1(R132H)-IRES-Katushka.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

McClellan BL, et al. (2026) Reprogramming the immune suppressive tumor microenvironment in glioma enhances the efficacy of immune-mediated gene therapy. Molecular therapy. Oncology, 34(2), 201215.