

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pAd-Track Flag-SIRT1

RRID:Addgene_8438

Type: Plasmid

Proper Citation

RRID:Addgene_8438

Plasmid Information

URL: <http://www.addgene.org/8438>

Proper Citation: RRID:Addgene_8438

Insert Name: SIRT1

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:15744310](#)

Vector Backbone Description: Backbone Size:9220; Vector Backbone:pAd-Track-CMV; Vector Types:Mammalian Expression, Adenoviral; Bacterial Resistance:Kanamycin

Plasmid Name: pAd-Track Flag-SIRT1

Record Creation Time: 20220422T222544+0000

Record Last Update: 20260725T075254+0000

Ratings and Alerts

No rating or validation information has been found for pAd-Track Flag-SIRT1.

No alerts have been found for pAd-Track Flag-SIRT1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Nevoral J, et al. (2024) Dynamics and necessity of SIRT1 for maternal-zygotic transition. Scientific reports, 14(1), 21598.

Williams EO, et al. (2016) Sirtuin 1 Promotes Deacetylation of Oct4 and??Maintenance of Naive Pluripotency. Cell reports, 17(3), 809.

Heo SH, et al. (2014) Hydroxyurea induces a hypersensitive apoptotic response in mouse embryonic stem cells through p38-dependent acetylation of p53. Stem cells and development, 23(20), 2435.

Shao D, et al. (2014) A redox-resistant sirtuin-1 mutant protects against hepatic metabolic and oxidant stress. The Journal of biological chemistry, 289(11), 7293.

Zee RS, et al. (2010) Redox regulation of sirtuin-1 by S-glutathiolation. Antioxidants & redox signaling, 13(7), 1023.