

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 8, 2026

p413TEF-SirT1

RRID:Addgene_51746

Type: Plasmid

Proper Citation

RRID:Addgene_51746

Plasmid Information

URL: <http://www.addgene.org/51746>

Proper Citation: RRID:Addgene_51746

Insert Name: SirT1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19390637](#)

Vector Backbone Description: Vector Backbone:p413TEF; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Plasmid Name: p413TEF-SirT1

Record Creation Time: 20220422T222304+0000

Record Last Update: 20260808T081806+0000

Ratings and Alerts

No rating or validation information has been found for p413TEF-SirT1.

No alerts have been found for p413TEF-SirT1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Ding Y, et al. (2019) Peroxynitrite-Mediated SIRT (Sirtuin)-1 Inactivation Contributes to Nicotine-Induced Arterial Stiffness in Mice. *Arteriosclerosis, thrombosis, and vascular biology*, 39(7), 1419.

Ma S, et al. (2017) miR449a/SIRT1/PGC-1?? Is Necessary for Mitochondrial Biogenesis Induced by T-2 Toxin. *Frontiers in pharmacology*, 8, 954.