

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

p21 shRNA1

RRID:Addgene_25868

Type: Plasmid

Proper Citation

RRID:Addgene_25868

Plasmid Information

URL: <http://www.addgene.org/25868>

Proper Citation: RRID:Addgene_25868

Insert Name: p21

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18371338](#)

Vector Backbone Description: Backbone Marker:Ivanova, NB; Backbone Size:10130; Vector Backbone:FUGW-H1; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: This plasmid targets the open reading frame of p21. The 19mer target sequence is: TTAGGACTCAACCGTAATA

Plasmid Name: p21 shRNA1

Record Creation Time: 20220422T222115+0000

Record Last Update: 20260815T081246+0000

Ratings and Alerts

No rating or validation information has been found for p21 shRNA1.

No alerts have been found for p21 shRNA1.

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 [RRID](#) .

Larijani L, et al. (2026) p21 Knockdown as a Therapeutic Strategy for Focal Cartilage Injury Repair. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(8), e71814.

Chrysanthou S, et al. (2022) Tet1 Suppresses p21 to Ensure Proper Cell Cycle Progression in Embryonic Stem Cells. Cells, 11(8).

Sun B, et al. (2018) Polycomb Protein Eed is Required for Neurogenesis and Cortical Injury Activation in the Subventricular Zone. Cerebral cortex (New York, N.Y. : 1991), 28(4), 1369.