

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

pLKO mouse shRNA 2 DEPTOR

RRID:Addgene_21338

Type: Plasmid

Proper Citation

RRID:Addgene_21338

Plasmid Information

URL: <http://www.addgene.org/21338>

Proper Citation: RRID:Addgene_21338

Insert Name: DEPTOR shRNA 2

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19446321](#)

Vector Backbone Description: Backbone Marker:Available from Addgene; Backbone Size:7032; Vector Backbone:pLKO.1; Vector Types:Mammalian Expression, Lentiviral, RNAi; Bacterial Resistance:Ampicillin

Comments: mouse DEPTOR shRNA 2 TRCN0000110159; NM_145470.1-1165s1c1 shRNA oligo sequence is - 5'-
CCGGGCAAGGAAGACATTACGATTCTCGAGAATCGTGAATGTCTTCCTTGCTTTTGTG

Plasmid Name: pLKO mouse shRNA 2 DEPTOR

Record Creation Time: 20220422T222055+0000

Record Last Update: 20260815T081202+0000

Ratings and Alerts

No rating or validation information has been found for pLKO mouse shRNA 2 DEPTOR.

No alerts have been found for pLKO mouse shRNA 2 DEPTOR.

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 [NIF](#) .

Song HI, et al. (2016) PLD1 regulates adipogenic differentiation through mTOR - IRS-1 phosphorylation at serine 636/639. Scientific reports, 6, 36968.

González-Terán B, et al. (2016) p38 γ and δ promote heart hypertrophy by targeting the mTOR-inhibitory protein DEPTOR for degradation. Nature communications, 7, 10477.