

Resource Summary Report

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

pMKO.1 puro PTEN shRNA

RRID:Addgene_10669

Type: Plasmid

Proper Citation

RRID:Addgene_10669

Plasmid Information

URL: <http://www.addgene.org/10669>

Proper Citation: RRID:Addgene_10669

Insert Name: PTEN shRNA

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:6700; Vector Backbone:pMKO.1; Vector Types:Mammalian Expression, Retroviral, RNAi; Bacterial Resistance:Ampicillin

Comments: siRNA sequence is ACTTGAAGGCGTATACAGGA.

Plasmid Name: pMKO.1 puro PTEN shRNA

Record Creation Time: 20220422T221517+0000

Record Last Update: 20260815T080102+0000

Ratings and Alerts

No rating or validation information has been found for pMKO.1 puro PTEN shRNA.

No alerts have been found for pMKO.1 puro PTEN shRNA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Mondal S, et al. (2018) Nutritional stress reprograms dedifferentiation in glioblastoma multiforme driven by PTEN/Wnt/Hedgehog axis: a stochastic model of cancer stem cells. *Cell death discovery*, 4, 110.

Mansour WY, et al. (2018) Loss of PTEN-assisted G2/M checkpoint impedes homologous recombination repair and enhances radio-curability and PARP inhibitor treatment response in prostate cancer. *Scientific reports*, 8(1), 3947.

Wozniak DJ, et al. (2017) PTEN is a protein phosphatase that targets active PTK6 and inhibits PTK6 oncogenic signaling in prostate cancer. *Nature communications*, 8(1), 1508.

Qiu H, et al. (2016) JQ1 suppresses tumor growth via PTEN/PI3K/AKT pathway in endometrial cancer. *Oncotarget*, 7(41), 66809.

Jagan I, et al. (2013) Rescue of glandular dysmorphogenesis in PTEN-deficient colorectal cancer epithelium by PPAR γ -targeted therapy. *Oncogene*, 32(10), 1305.

Deevi R, et al. (2011) PTEN regulates colorectal epithelial apoptosis through Cdc42 signalling. *British journal of cancer*, 105(9), 1313.