

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

pMKO.1 puro p53 shRNA 1

RRID:Addgene_10671

Type: Plasmid

Proper Citation

RRID:Addgene_10671

Plasmid Information

URL: <http://www.addgene.org/10671>

Proper Citation: RRID:Addgene_10671

Insert Name: p53 shRNA

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12887925](#)

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

Comments: Also reference: Stewart, S.A., Dykxhoorn, D.M., Palliser, D., Mizuno, H., Yu, E.Y., Eisen, H.N., Sabatini, D.M., Hahn, W.C., Sharp, P.A., Weinberg, R.A., et al. (2003). RNA 9, 493?501. Note: There is no XhoI site in the shRNA oligo, as indicated on the author's map.

Plasmid Name: pMKO.1 puro p53 shRNA 1

Record Creation Time: 20220422T221517+0000

Record Last Update: 20260725T073426+0000

Ratings and Alerts

No rating or validation information has been found for pMKO.1 puro p53 shRNA 1.

No alerts have been found for pMKO.1 puro p53 shRNA 1.

Data and Source Information

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

K?r?mtay K, et al. (2020) p53 regulates katanin-p60 promoter in HCT 116 cells. Gene, 727, 144241.

Lin S, et al. (2019) Intrinsic adriamycin resistance in p53-mutated breast cancer is related to the miR-30c/FANCF/REV1-mediated DNA damage response. Cell death & disease, 10(9), 666.

Arena G, et al. (2018) Mitochondrial MDM2 Regulates Respiratory Complex I Activity Independently of p53. Molecular cell, 69(4), 594.

Ota A, et al. (2017) ?40p53? suppresses tumor cell proliferation and induces cellular senescence in hepatocellular carcinoma cells. Journal of cell science, 130(3), 614.

Ono T, et al. (2015) Plumbagin suppresses tumor cell growth in oral squamous cell carcinoma cell lines. Oral diseases, 21(4), 501.

Liu L, et al. (2013) ?-Asarone induces senescence in colorectal cancer cells by inducing lamin B1 expression. Phytomedicine : international journal of phytotherapy and phytopharmacology, 20(6), 512.

Lu D, et al. (2013) 15-hydroxyprostaglandin dehydrogenase-derived 15-keto-prostaglandin E2 inhibits cholangiocarcinoma cell growth through interaction with peroxisome proliferator-activated receptor-?, SMAD2/3, and TAP63 proteins. The Journal of biological chemistry, 288(27), 19484.

Karst AM, et al. (2012) Primary culture and immortalization of human fallopian tube secretory epithelial cells. Nature protocols, 7(9), 1755.

Sandler VM, et al. (2011) Reprogramming of embryonic human fibroblasts into fetal hematopoietic progenitors by fusion with human fetal liver CD34+ cells. PloS one, 6(4), e18265.

Karst AM, et al. (2011) Stathmin 1, a marker of PI3K pathway activation and regulator of microtubule dynamics, is expressed in early pelvic serous carcinomas. Gynecologic oncology, 123(1), 5.