

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pcDNA-Myc S6K1

RRID:Addgene_26610

Type: Plasmid

Proper Citation

RRID:Addgene_26610

Plasmid Information

URL: <http://www.addgene.org/26610>

Proper Citation: RRID:Addgene_26610

Insert Name: S6K1

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11729323](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA-Myc S6K1

Record Creation Time: 20220422T222119+0000

Record Last Update: 20260725T074510+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA-Myc S6K1.

No alerts have been found for pcDNA-Myc S6K1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Wang P, et al. (2018) The mTOR cell signaling pathway is crucial to the long-term protective effects of ischemic postconditioning against stroke. *Neuroscience letters*, 676, 58.

Hwang SK, et al. (2016) Everolimus improves neuropsychiatric symptoms in a patient with tuberous sclerosis carrying a novel TSC2 mutation. *Molecular brain*, 9(1), 56.

Gorbunova EE, et al. (2016) The Andes Virus Nucleocapsid Protein Directs Basal Endothelial Cell Permeability by Activating RhoA. *mBio*, 7(5).

Du Y, et al. (2015) Insulin-like growth factor binding protein-3 mediates interleukin-24-induced apoptosis through inhibition of the mTOR pathway in prostate cancer. *Oncology reports*, 34(5), 2273.

Xie R, et al. (2014) Mammalian target of rapamycin cell signaling pathway contributes to the protective effects of ischemic postconditioning against stroke. *Stroke*, 45(9), 2769.

Rozen-Zvi B, et al. (2013) TGF- β /Smad3 activates mammalian target of rapamycin complex-1 to promote collagen production by increasing HIF-1 α expression. *American journal of physiology. Renal physiology*, 305(4), F485.

Hong SE, et al. (2013) S6K1 inhibition enhances tamoxifen-induced cell death in MCF-7 cells through translational inhibition of Mcl-1 and survivin. *Cell biology and toxicology*, 29(4), 273.

Fan YL, et al. (2013) Over expression of PPP2R2C inhibits human glioma cells growth through the suppression of mTOR pathway. *FEBS letters*, 587(24), 3892.

Jin HO, et al. (2012) Silencing of Twist1 sensitizes NSCLC cells to cisplatin via AMPK-activated mTOR inhibition. *Cell death & disease*, 3(6), e319.