Resource Summary Report

Generated by RRID on Aug 18, 2026

pRK7-HA-S6K1-WT

RRID:Addgene_8984
Type: Plasmid

Proper Citation

RRID:Addgene_8984

Plasmid Information

URL: http://www.addgene.org/8984

Proper Citation: RRID:Addgene_8984

Insert Name: S6K1

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:11967149

Vector Backbone Description: Backbone Size:4700; Vector Backbone:pRK7; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pRK7-HA-S6K1-WT

Record Creation Time: 20220422T222610+0000

Record Last Update: 20260815T082201+0000

Ratings and Alerts

No rating or validation information has been found for pRK7-HA-S6K1-WT.

No alerts have been found for pRK7-HA-S6K1-WT.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 28 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

VanCleave AM, et al. (2026) GSK3? promotes p53/Nrf2-dependent expression of the stress response protein REDD2 in retinal Müller glia exposed to hyperlipidemic conditions. Experimental eye research, 267, 110957.

Zellag RM, et al. (2025) The spatiotemporal distribution of LIN-5/NuMA regulates spindle orientation in the C. elegans germ line. Cell reports, 44(2), 115296.

VanCleave AM, et al. (2025) Rapid proteasomal degradation of the stress response protein REDD2 is mediated by the E3 ligase HUWE1. Biochemical and biophysical research communications, 777, 152270.

Liu HJ, et al. (2023) mTORC1 upregulates B7-H3/CD276 to inhibit antitumor T cells and drive tumor immune evasion. Nature communications, 14(1), 1214.

Wilcock DJJ, et al. (2022) Oxidative stress from DGAT1 oncoprotein inhibition in melanoma suppresses tumor growth when ROS defenses are also breached. Cell reports, 39(12), 110995.

Schilling M, et al. (2021) TOR signaling regulates liquid phase separation of the SMN complex governing snRNP biogenesis. Cell reports, 35(12), 109277.

Sfakianos AP, et al. (2018) The mTOR-S6 kinase pathway promotes stress granule assembly. Cell death and differentiation, 25(10), 1766.

Tréfier A, et al. (2018) G protein-dependent signaling triggers a ?-arrestin-scaffolded p70S6K/ rpS6 module that controls 5'TOP mRNA translation. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 32(3), 1154.

Nguyen JT, et al. (2018) Mammalian EAK-7 activates alternative mTOR signaling to regulate cell proliferation and migration. Science advances, 4(5), eaao5838.

Sin AT, et al. (2016) Growth of the Mammalian Golgi Apparatus during Interphase. Molecular and cellular biology, 36(18), 2344.

Hao F, et al. (2016) The PtdIns3-phosphatase MTMR3 interacts with mTORC1 and suppresses its activity. FEBS letters, 590(1), 161.

Kimball SR, et al. (2016) Leucine induced dephosphorylation of Sestrin2 promotes mTORC1 activation. Cellular signalling, 28(8), 896.

Erbil S, et al. (2016) RACK1 Is an Interaction Partner of ATG5 and a Novel Regulator of Autophagy. The Journal of biological chemistry, 291(32), 16753.

Han J, et al. (2015) The CREB coactivator CRTC2 controls hepatic lipid metabolism by regulating SREBP1. Nature, 524(7564), 243.

Ha? A, et al. (2015) S6K1 controls autophagosome maturation in autophagy induced by sulforaphane or serum deprivation. European journal of cell biology, 94(10), 470.

Smith ED, et al. (2014) Rapamycin and interleukin-1? impair brain-derived neurotrophic factor-dependent neuron survival by modulating autophagy. The Journal of biological chemistry, 289(30), 20615.

März AM, et al. (2013) Large FK506-binding proteins shape the pharmacology of rapamycin. Molecular and cellular biology, 33(7), 1357.

Musiwaro P, et al. (2013) Characteristics and requirements of basal autophagy in HEK 293 cells. Autophagy, 9(9), 1407.

Fabian AK, et al. (2013) InterAKTions with FKBPs--mutational and pharmacological exploration. PloS one, 8(2), e57508.

Yuan S, et al. (2013) Dissecting the functional interplay between the TOR pathway and the cilium in zebrafish. Methods in enzymology, 525, 159.