

Resource Summary Report

Generated by [RRID](#) on Aug 19, 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 β 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 DJ, 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 β -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 β 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 β 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 FKBP α --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.