

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pRK7-HA-S6K1-E389-deltaCT

RRID:Addgene_8993

Type: Plasmid

Proper Citation

RRID:Addgene_8993

Plasmid Information

URL: <http://www.addgene.org/8993>

Proper Citation: RRID:Addgene_8993

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-E389-deltaCT

Relevant Mutation: T389E, stop codon at amino acid 402

Record Creation Time: 20220422T222610+0000

Record Last Update: 20260815T082202+0000

Ratings and Alerts

No rating or validation information has been found for pRK7-HA-S6K1-E389-deltaCT.

No alerts have been found for pRK7-HA-S6K1-E389-deltaCT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

He Q, et al. (2024) Acetate enables metabolic fitness and cognitive performance during sleep disruption. *Cell metabolism*, 36(9), 1998.

Dwyer JM, et al. (2015) Ribosomal protein S6 kinase 1 signaling in prefrontal cortex controls depressive behavior. *Proceedings of the National Academy of Sciences of the United States of America*, 112(19), 6188.

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.

Axelrod MJ, et al. (2014) p70S6 kinase is a critical node that integrates HER-family and PI3 kinase signaling networks. *Cellular signalling*, 26(8), 1627.

Treins C, et al. (2010) Rictor is a novel target of p70 S6 kinase-1. *Oncogene*, 29(7), 1003.