

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 5, 2026

pRK5-FLAG-S6K1

RRID:Addgene_100509

Type: Plasmid

Proper Citation

RRID:Addgene_100509

Plasmid Information

URL: <http://www.addgene.org/100509>

Proper Citation: RRID:Addgene_100509

Insert Name: S6K1

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29123071](#)

Vector Backbone Description: Vector Backbone:pRK5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pRK5-FLAG-S6K1

Record Creation Time: 20220422T221448+0000

Record Last Update: 20260905T074248+0000

Ratings and Alerts

No rating or validation information has been found for pRK5-FLAG-S6K1.

No alerts have been found for pRK5-FLAG-S6K1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Hsieh CW, et al. (2026) Graded activation of the CLEAR network through mTORC1 suppression on cargo-harboring lysosomes. Cell reports, 45(4), 117228.

Figlia G, et al. (2022) Brain-enriched RagB isoforms regulate the dynamics of mTORC1 activity through GATOR1 inhibition. Nature cell biology, 24(9), 1407.

Romero-Pozuelo J, et al. (2020) Cdk4 and Cdk6 Couple the Cell-Cycle Machinery to Cell Growth via mTORC1. Cell reports, 31(2), 107504.