

Resource Summary Report

Generated by [RRID](#) on Aug 30, 2026

pRK5 HA GST Rheb1

RRID:Addgene_14951

Type: Plasmid

Proper Citation

RRID:Addgene_14951

Plasmid Information

URL: <http://www.addgene.org/14951>

Proper Citation: RRID:Addgene_14951

Insert Name: Rheb1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17386266](#)

Vector Backbone Description: Backbone Size:5300; Vector Backbone:HA-GST-pRK5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pRK5 HA GST Rheb1

Record Creation Time: 20220422T221829+0000

Record Last Update: 20260829T075708+0000

Ratings and Alerts

No rating or validation information has been found for pRK5 HA GST Rheb1.

No alerts have been found for pRK5 HA GST Rheb1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Yang S, et al. (2020) The Rag GTPase Regulates the Dynamic Behavior of TSC Downstream of Both Amino Acid and Growth Factor Restriction. *Developmental cell*, 55(3), 272.

Byun JK, et al. (2019) Oncogenic KRAS signaling activates mTORC1 through COUP-TFII-mediated lactate production. *EMBO reports*, 20(6).

Angarola B, et al. (2019) Weak membrane interactions allow Rheb to activate mTORC1 signaling without major lysosome enrichment. *Molecular biology of the cell*, 30(22), 2750.

Manifava M, et al. (2016) Dynamics of mTORC1 activation in response to amino acids. *eLife*, 5.