Resource Summary Report

Generated by RRID on Aug 27, 2026

pRK5-HA GST RagB wt

RRID:Addgene_19301
Type: Plasmid

Proper Citation

RRID:Addgene_19301

Plasmid Information

URL: http://www.addgene.org/19301

Proper Citation: RRID:Addgene_19301

Insert Name: Ras-related GTP binding B

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:18497260

Vector Backbone Description: Backbone Marker:BD PharMingen; Backbone Size:4754; Vector Backbone:pRK5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pRK5-HA GST RagB wt

Record Creation Time: 20220422T222045+0000

Record Last Update: 20260815T081143+0000

Ratings and Alerts

No rating or validation information has been found for pRK5-HA GST RagB wt.

No alerts have been found for pRK5-HA GST RagB wt.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Mohanasundaram P, et al. (2022) Cytoskeletal vimentin regulates cell size and autophagy through mTORC1 signaling. PLoS biology, 20(9), e3001737.

Bodineau C, et al. (2021) Two parallel pathways connect glutamine metabolism and mTORC1 activity to regulate glutamoptosis. Nature communications, 12(1), 4814.

Odle RI, et al. (2020) An mTORC1-to-CDK1 Switch Maintains Autophagy Suppression during Mitosis. Molecular cell, 77(2), 228.

Son SM, et al. (2019) Leucine Signals to mTORC1 via Its Metabolite Acetyl-Coenzyme A. Cell metabolism, 29(1), 192.

Jia J, et al. (2018) Galectins Control mTOR in Response to Endomembrane Damage. Molecular cell, 70(1), 120.

Pal R, et al. (2018) Src regulates amino acid-mediated mTORC1 activation by disrupting GATOR1-Rag GTPase interaction. Nature communications, 9(1), 4351.

Cooper JM, et al. (2017) TBK1 Provides Context-Selective Support of the Activated AKT/mTOR Pathway in Lung Cancer. Cancer research, 77(18), 5077.

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

Ying ZX, et al. (2016) Recurrent Mutations in the MTOR Regulator RRAGC in Follicular Lymphoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 22(21), 5383.

Kim JS, et al. (2015) Sestrin2 inhibits mTORC1 through modulation of GATOR complexes. Scientific reports, 5, 9502.

Rebsamen M, et al. (2015) SLC38A9 is a component of the lysosomal amino acid sensing machinery that controls mTORC1. Nature, 519(7544), 477.

Ye Z, et al. (2015) PRL-3 activates mTORC1 in Cancer Progression. Scientific reports, 5, 17046.

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

Dur??n RV, et al. (2012) Glutaminolysis activates Rag-mTORC1 signaling. Molecular cell, 47(3), 349.