

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pRK5-HA GST RagD 77L

RRID:Addgene_19308

Type: Plasmid

Proper Citation

RRID:Addgene_19308

Plasmid Information

URL: <http://www.addgene.org/19308>

Proper Citation: RRID:Addgene_19308

Insert Name: Ras-related GTP binding D

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 RagD 77L

Relevant Mutation: S77L

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 RagD 77L.

No alerts have been found for pRK5-HA GST RagD 77L.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Hirst J, et al. (2021) Rag GTPases and phosphatidylinositol 3-phosphate mediate recruitment of the AP-5/SPG11/SPG15 complex. *The Journal of cell biology*, 220(2).

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

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

Brady OA, et al. (2018) The transcription factors TFE3 and TFEB amplify p53 dependent transcriptional programs in response to DNA damage. *eLife*, 7.

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

Peng M, et al. (2017) SZT2 dictates GATOR control of mTORC1 signalling. *Nature*, 543(7645), 433.

Wada S, et al. (2016) The tumor suppressor FLCN mediates an alternate mTOR pathway to regulate browning of adipose tissue. *Genes & development*, 30(22), 2551.

Martina JA, et al. (2014) The nutrient-responsive transcription factor TFE3 promotes autophagy, lysosomal biogenesis, and clearance of cellular debris. *Science signaling*, 7(309), ra9.

Martina JA, et al. (2013) Rag GTPases mediate amino acid-dependent recruitment of TFEB and MITF to lysosomes. *The Journal of cell biology*, 200(4), 475.

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