

Resource Summary Report

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

Flag pLJM1 RagD wt

RRID:Addgene_19316

Type: Plasmid

Proper Citation

RRID:Addgene_19316

Plasmid Information

URL: <http://www.addgene.org/19316>

Proper Citation: RRID:Addgene_19316

Insert Name: Ras-related GTP binding D

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18497260](#)

Vector Backbone Description: Backbone Size:7400; Vector Backbone:pLJM1; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: pLJM1 is based on pLKO.1. pLJM1 was cut with AgeI and EcoRI and a Flag tag was cloned in. The cDNA was cloned into Flag-pLJM1 with SalI and EcoRV. The sequence across the MCS includes AgeI-Flag-SalI-gene-EcoRV-EcoRI

Plasmid Name: Flag pLJM1 RagD wt

Record Creation Time: 20220422T222045+0000

Record Last Update: 20260815T081143+0000

Ratings and Alerts

No rating or validation information has been found for Flag pLJM1 RagD wt.

No alerts have been found for Flag pLJM1 RagD wt.

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](#) .

Cai Y, et al. (2021) Genomic Alterations in PIK3CA-Mutated Breast Cancer Result in mTORC1 Activation and Limit the Sensitivity to PI3K? Inhibitors. Cancer research, 81(9), 2470.

Amick J, et al. (2020) PQLC2 recruits the C9orf72 complex to lysosomes in response to cationic amino acid starvation. The Journal of cell biology, 219(1).

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

Ögmundsdóttir MH, et al. (2012) Proton-assisted amino acid transporter PAT1 complexes with Rag GTPases and activates TORC1 on late endosomal and lysosomal membranes. PloS one, 7(5), e36616.