

Resource Summary Report

Generated by [dkNET](#) on Sep 22, 2026

Flag pLJM1 RagD 77L

RRID:Addgene_19317

Type: Plasmid

Proper Citation

RRID:Addgene_19317

Plasmid Information

URL: <http://www.addgene.org/19317>

Proper Citation: RRID:Addgene_19317

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 77L

Relevant Mutation: S77L

Record Creation Time: 20220422T222045+0000

Record Last Update: 20260919T091514+0000

Ratings and Alerts

No rating or validation information has been found for Flag pLJM1 RagD 77L.

No alerts have been found for Flag pLJM1 RagD 77L.

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 [dkNET](#) .

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.

Kim EY, et al. (2019) Therapeutic effects of the novel Leucyl-tRNA synthetase inhibitor BC-LI-0186 in non-small cell lung cancer. Therapeutic advances in medical oncology, 11, 1758835919846798.

Matsumoto A, et al. (2017) mTORC1 and muscle regeneration are regulated by the LINC00961-encoded SPAR polypeptide. Nature, 541(7636), 228.