

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pcDNA3-AU1-mTOR-S2215Y

RRID:Addgene_26037

Type: Plasmid

Proper Citation

RRID:Addgene_26037

Plasmid Information

URL: <http://www.addgene.org/26037>

Proper Citation: RRID:Addgene_26037

Insert Name: mammalian target of rapamycin-S2215Y

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20190810](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3-AU1-mTOR-S2215Y

Relevant Mutation: S2215Y

Record Creation Time: 20220422T222116+0000

Record Last Update: 20260815T081247+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-AU1-mTOR-S2215Y.

No alerts have been found for pcDNA3-AU1-mTOR-S2215Y.

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 [RRID](#) .

Fan Q, et al. (2017) A Kinase Inhibitor Targeted to mTORC1 Drives Regression in Glioblastoma. Cancer cell, 31(3), 424.

Welte T, et al. (2016) Oncogenic mTOR signalling recruits myeloid-derived suppressor cells to promote tumour initiation. Nature cell biology, 18(6), 632.

Havel JJ, et al. (2015) Nuclear PRAS40 couples the Akt/mTORC1 signaling axis to the RPL11-HDM2-p53 nucleolar stress response pathway. Oncogene, 34(12), 1487.