

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

[myc-mTOR \(1750-2549 aa\)](#)

RRID:Addgene_21747

Type: Plasmid

Proper Citation

RRID:Addgene_21747

Plasmid Information

URL: <http://www.addgene.org/21747>

Proper Citation: RRID:Addgene_21747

Insert Name: mTOR (1750-2549)

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12718876](#)

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

Plasmid Name: myc-mTOR (1750-2549 aa)

Relevant Mutation: amino acids 1750-2549

Record Creation Time: 20220422T222056+0000

Record Last Update: 20260815T081205+0000

Ratings and Alerts

No rating or validation information has been found for myc-mTOR (1750-2549 aa).

No alerts have been found for myc-mTOR (1750-2549 aa).

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](#) .

Jung JW, et al. (2019) Transmembrane 4??L Six Family Member 5 Senses Arginine for mTORC1 Signaling. Cell metabolism, 29(6), 1306.

Oka SI, et al. (2017) Thioredoxin-1 maintains mechanistic target of rapamycin (mTOR) function during oxidative stress in cardiomyocytes. The Journal of biological chemistry, 292(46), 18988.

Schulze U, et al. (2017) Cellular vacuolization caused by overexpression of the PIKfyve-binding deficient Vac14L156R is rescued by starvation and inhibition of vacuolar-ATPase. Biochimica et biophysica acta. Molecular cell research, 1864(5), 749.