

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

[myc-mTOR \(1-1482 aa\)](#)

RRID:Addgene_21745

Type: Plasmid

Proper Citation

RRID:Addgene_21745

Plasmid Information

URL: <http://www.addgene.org/21745>

Proper Citation: RRID:Addgene_21745

Insert Name: mTOR (1-1482)

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 (1-1482 aa)

Relevant Mutation: amino acids 1-1482

Record Creation Time: 20220422T222056+0000

Record Last Update: 20260815T081205+0000

Ratings and Alerts

No rating or validation information has been found for myc-mTOR (1-1482 aa).

No alerts have been found for myc-mTOR (1-1482 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.

Meade N, et al. (2018) Poxviruses Evade Cytosolic Sensing through Disruption of an mTORC1-mTORC2 Regulatory Circuit. Cell, 174(5), 1143.

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.