Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 23, 2025

pcDNA3-Flag mTOR wt

RRID:Addgene_26603
Type: Plasmid

Proper Citation

RRID:Addgene_26603

Plasmid Information

URL: http://www.addgene.org/26603

Proper Citation: RRID:Addgene_26603

Insert Name: mTOR

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:9933627

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

Plasmid Name: pcDNA3-Flag mTOR wt

Record Creation Time: 20220422T222119+0000

Record Last Update: 20220422T223710+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-Flag mTOR wt.

No alerts have been found for pcDNA3-Flag mTOR wt.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Liu AC, et al. (2024) Clinical and functional studies of MTOR variants in Smith-Kingsmore syndrome reveal deficits of circadian rhythm and sleep-wake behavior. HGG advances, 5(4), 100333.

Nicastro R, et al. (2023) Malonyl-CoA is a conserved endogenous ATP-competitive mTORC1 inhibitor. Nature cell biology, 25(9), 1303.

Senoo H, et al. (2021) KARATE: PKA-induced KRAS4B-RHOA-mTORC2 supercomplex phosphorylates AKT in insulin signaling and glucose homeostasis. Molecular cell, 81(22), 4622.

Nüchel J, et al. (2021) An mTORC1-GRASP55 signaling axis controls unconventional secretion to reshape the extracellular proteome upon stress. Molecular cell, 81(16), 3275.

Xiao B, et al. (2020) Rheb1-Independent Activation of mTORC1 in Mammary Tumors Occurs through Activating Mutations in mTOR. Cell reports, 31(4), 107571.

Lin J, et al. (2019) Pentapeptide Protects INS-1 Cells From hIAPP-Mediated Apoptosis by Enhancing Autophagy Through mTOR Pathway. Frontiers in pharmacology, 10, 896.

Bruning U, et al. (2018) Impairment of Angiogenesis by Fatty Acid Synthase Inhibition Involves mTOR Malonylation. Cell metabolism, 28(6), 866.