

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 24, 2025

## pcDNA3-FLAG-MTOR-S2215Y

RRID:Addgene\_69013

Type: Plasmid

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### Proper Citation

RRID:Addgene\_69013

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### Plasmid Information

**URL:** <http://www.addgene.org/69013>

**Proper Citation:** RRID:Addgene\_69013

**Insert Name:** MTOR

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:24631838](#)

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

**Comments:** Activating mutations in MTOR were generated using site-directed mutagenesis on AddGene plasmid 26603 pcDNA3-Flag mTOR wt deposited by Jie Chen lab Vilella-Bach et al J Biol Chem. 1999 Feb 12. 274(7):4266-72.

**Plasmid Name:** pcDNA3-FLAG-MTOR-S2215Y

**Relevant Mutation:** S2215Y

**Record Creation Time:** 20220422T222429+0000

**Record Last Update:** 20220422T224733+0000

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### Ratings and Alerts

No rating or validation information has been found for pcDNA3-FLAG-MTOR-S2215Y.

No alerts have been found for pcDNA3-FLAG-MTOR-S2215Y.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Nguyen LH, et al. (2024) The mTOR pathway genes MTOR, Rheb, Depdc5, Pten, and Tsc1 have convergent and divergent impacts on cortical neuron development and function. eLife, 12.