

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

pcDNA3-FLAG-MTOR-C1483F

RRID:Addgene_69008

Type: Plasmid

Proper Citation

RRID:Addgene_69008

Plasmid Information

URL: <http://www.addgene.org/69008>

Proper Citation: RRID:Addgene_69008

Insert Name: MTOR-C1483F

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-C1483F

Relevant Mutation: change Cysteine 1483 to Phenylalanine

Record Creation Time: 20220422T222429+0000

Record Last Update: 20260808T082036+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-FLAG-MTOR-C1483F.

No alerts have been found for pcDNA3-FLAG-MTOR-C1483F.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](#) .

Liu HJ, et al. (2023) mTORC1 upregulates B7-H3/CD276 to inhibit antitumor T cells and drive tumor immune evasion. Nature communications, 14(1), 1214.

Park HR, et al. (2021) Acquired Resistance to Third-Generation EGFR Tyrosine Kinase Inhibitors in Patients With De Novo EGFR T790M-Mutant NSCLC. Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer, 16(11), 1859.