

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

pcDNA3-TORCAR(T/A)

RRID:Addgene_64928

Type: Plasmid

Proper Citation

RRID:Addgene_64928

Plasmid Information

URL: <http://www.addgene.org/64928>

Proper Citation: RRID:Addgene_64928

Insert Name: TORCAR(T/A)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25772363](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5446; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3-TORCAR(T/A)

Relevant Mutation: 4EBP1 domain contains T37A and T46A mutations.

Record Creation Time: 20220422T222410+0000

Record Last Update: 20260905T075934+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-TORCAR(T/A).

No alerts have been found for pcDNA3-TORCAR(T/A).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Chen Z, et al. (2023) mcPGK1-dependent mitochondrial import of PGK1 promotes metabolic reprogramming and self-renewal of liver TICs. Nature communications, 14(1), 1121.

Fedder-Semmes KN, et al. (2021) The Akt-mTOR Pathway Drives Myelin Sheath Growth by Regulating Cap-Dependent Translation. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(41), 8532.

Fang C, et al. (2021) eIF4E-eIF4G complex inhibition synergistically enhances the effect of sorafenib in hepatocellular carcinoma. Anti-cancer drugs, 32(8), 822.

Gopallawa I, et al. (2021) Small-molecule Akt-activation in airway cells induces NO production and reduces IL-8 transcription through Nrf-2. Respiratory research, 22(1), 267.