Resource Summary Report

Generated by dkNET on Aug 20, 2026

pBrain-GFP-TACC3KDP-shTACC3

RRID:Addgene_59356
Type: Plasmid

Proper Citation

RRID:Addgene_59356

Plasmid Information

URL: http://www.addgene.org/59356

Proper Citation: RRID:Addgene_59356

Insert Name: Transforming Acidic Coiled Coil protein 3

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: PMID:21297582

Vector Backbone Description: Backbone Marker:Stephen J Royle; Backbone Size:5438; Vector Backbone:pBrain; Vector Types:Mammalian Expression, RNAi; Bacterial Resistance:Kanamycin

Plasmid Name: pBrain-GFP-TACC3KDP-shTACC3

Relevant Mutation: Silent mutations in amino acids 30-33 to confer siRNA resistance.

Record Creation Time: 20220422T222342+0000

Record Last Update: 20260815T081722+0000

Ratings and Alerts

No rating or validation information has been found for pBrain-GFP-TACC3KDP-shTACC3.

No alerts have been found for pBrain-GFP-TACC3KDP-shTACC3.

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 dkNET .

Liu AZ, et al. (2025) The scaffold protein PRR14L links the PP2A-TACC3 axis to mitotic fidelity and sensitivity to MPS1 inhibition. bioRxiv : the preprint server for biology.

Meka DP, et al. (2022) Centrosome-dependent microtubule modifications set the conditions for axon formation. Cell reports, 39(3), 110686.

Furey C, et al. (2020) TACC3 Regulates Microtubule Plus-End Dynamics and Cargo Transport in Interphase Cells. Cell reports, 30(1), 269.

Milas A, et al. (2018) Optogenetic reversible knocksideways, laser ablation, and photoactivation on the mitotic spindle in human cells. Methods in cell biology, 145, 191.