Resource Summary Report

Generated by RRID on Aug 18, 2026

pTK21

RRID:Addgene_37396
Type: Plasmid

Proper Citation

RRID:Addgene_37396

Plasmid Information

URL: http://www.addgene.org/37396

Proper Citation: RRID:Addgene_37396

Insert Name: Ran

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: PMID:22327364

Vector Backbone Description: Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Please note that Addgene's sequencing result exactly matches the full plasmid sequence provided by the depositing laboratory; however, when these sequences are compared to GenBank ID NP_006316.1 there appears to be a T24N mutation.

Plasmid Name: pTK21

Relevant Mutation: T24N

Record Creation Time: 20220422T222158+0000

Record Last Update: 20260815T081414+0000

Ratings and Alerts

No rating or validation information has been found for pTK21.

No alerts have been found for pTK21.

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 RRID .

Zych MG, et al. (2024) RCC1 depletion drives protein transport defects and rupture in micronuclei. bioRxiv : the preprint server for biology.

Wu J, et al. (2023) Microtubule nucleation from the fibrous corona by LIC1-pericentrin promotes chromosome congression. Current biology : CB, 33(5), 912.

Yoo TY, et al. (2021) O-GlcNAc modification of nuclear pore complexes accelerates bidirectional transport. The Journal of cell biology, 220(7).

Reina J, et al. (2019) Identification of a putative nuclear localization signal in the tumor suppressor maspin sheds light on its nuclear import regulation. FEBS open bio, 9(7), 1174.

Chen M, et al. (2017) The nuclear transport receptor Importin-11 is a tumor suppressor that maintains PTEN protein. The Journal of cell biology, 216(3), 641.

Tame MA, et al. (2016) Chromosome misalignments induce spindle-positioning defects. EMBO reports, 17(3), 317.

Lim YS, et al. (2015) A role for Rab23 in the trafficking of Kif17 to the primary cilium. Journal of cell science, 128(16), 2996.