

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

pRK5-myc-Cdc42-wt

RRID:Addgene_12972

Type: Plasmid

Proper Citation

RRID:Addgene_12972

Plasmid Information

URL: <http://www.addgene.org/12972>

Proper Citation: RRID:Addgene_12972

Insert Name: Cdc42

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:pRK5-Myc;
Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pRK5-myc-Cdc42-wt

Record Creation Time: 20220422T221721+0000

Record Last Update: 20260815T080501+0000

Ratings and Alerts

No rating or validation information has been found for pRK5-myc-Cdc42-wt.

No alerts have been found for pRK5-myc-Cdc42-wt.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

McCray BA, et al. (2021) Neuropathy-causing TRPV4 mutations disrupt TRPV4-RhoA interactions and impair neurite extension. Nature communications, 12(1), 1444.

Seo HG, et al. (2020) Mutual regulation between OGT and XIAP to control colon cancer cell growth and invasion. Cell death & disease, 11(9), 815.

Morgan CJ, et al. (2019) Endogenous IQGAP1 and IQGAP3 do not functionally interact with Ras. Scientific reports, 9(1), 11057.

Ashraf S, et al. (2018) Mutations in six nephrosis genes delineate a pathogenic pathway amenable to treatment. Nature communications, 9(1), 1960.

Bowser JL, et al. (2016) Loss of CD73-mediated actin polymerization promotes endometrial tumor progression. The Journal of clinical investigation, 126(1), 220.