

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

HA Depdc5 pRK5

RRID:Addgene_46327

Type: Plasmid

Proper Citation

RRID:Addgene_46327

Plasmid Information

URL: <http://www.addgene.org/46327>

Proper Citation: RRID:Addgene_46327

Insert Name: Depdc5

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23723238](#)

Vector Backbone Description: Vector Backbone:pRK5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: HA Depdc5 pRK5

Relevant Mutation: Differs from Depdc5 isoform 1 by 10 amino acids starting at position 724: ILTLSAPPVV

Record Creation Time: 20220422T222239+0000

Record Last Update: 20260725T074732+0000

Ratings and Alerts

No rating or validation information has been found for HA Depdc5 pRK5.

No alerts have been found for HA Depdc5 pRK5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Yin S, et al. (2023) CDK5-PRMT1-WDR24 signaling cascade promotes mTORC1 signaling and tumor growth. Cell reports, 42(4), 112316.

Figlia G, et al. (2022) Brain-enriched RagB isoforms regulate the dynamics of mTORC1 activity through GATOR1 inhibition. Nature cell biology, 24(9), 1407.

Kim JS, et al. (2015) Sestrin2 inhibits mTORC1 through modulation of GATOR complexes. Scientific reports, 5, 9502.