

# Resource Summary Report

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

## pcDNA3-DKAR-Nuc

RRID:Addgene\_45499

Type: Plasmid

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### Proper Citation

RRID:Addgene\_45499

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### Plasmid Information

**URL:** <http://www.addgene.org/45499>

**Proper Citation:** RRID:Addgene\_45499

**Insert Name:** DKAR-Nuc

**Organism:** Synthetic

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:21795686](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** FRET-based PKD activation reporter (DKAR). Contains a PKD-specific substrate and phosphoamino acid-binding domain linking CFP and YFP. Upon phosphorylation by PKD, FRET is reduced.

**Plasmid Name:** pcDNA3-DKAR-Nuc

**Record Creation Time:** 20220422T222235+0000

**Record Last Update:** 20260815T081524+0000

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### Ratings and Alerts

No rating or validation information has been found for pcDNA3-DKAR-Nuc.

No alerts have been found for pcDNA3-DKAR-Nuc.

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### Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.