

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pcDNA3-DKAR-Nuc

RRID:Addgene_45499

Type: Plasmid

Proper Citation

RRID:Addgene_45499

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

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.