

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pcDNA3-PDE4D2cat-ICUE4

RRID:Addgene_181847

Type: Plasmid

Proper Citation

RRID:Addgene_181847

Plasmid Information

URL: <http://www.addgene.org/181847>

Proper Citation: RRID:Addgene_181847

Insert Name: PDE4D2cat-ICUE4

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32846158](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5403; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3-PDE4D2cat-ICUE4

Relevant Mutation: Glutamine 122 in Epac1 domain mutated to glutamate (corresponds to Q270E in full-length Epac).

Record Creation Time: 20220619T080226+0000

Record Last Update: 20260725T075442+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-PDE4D2cat-ICUE4.

No alerts have been found for pcDNA3-PDE4D2cat-ICUE4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.