

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

[pcDNA3.1-Cerulean-Epac2\(R447\)-cpV\[E172\]](#)

RRID:Addgene_138198

Type: Plasmid

Proper Citation

RRID:Addgene_138198

Plasmid Information

URL: <http://www.addgene.org/138198>

Proper Citation: RRID:Addgene_138198

Insert Name: Cerulean-Epac2(R447A)-cpVenus[E172]

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21338921](#)

Vector Backbone Description: Backbone Size:5380; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3.1-Cerulean-Epac2(R447)-cpV[E172]

Relevant Mutation: Contains arginine-to-alanine substitution at residue 447 (R447A) in Epac2.

Record Creation Time: 20220422T221800+0000

Record Last Update: 20260815T080620+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1-Cerulean-Epac2(R447)-cpV[E172].

No alerts have been found for pcDNA3.1-Cerulean-Epac2(R447)-cpV[E172].

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.