

Resource Summary Report

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

Epac-S-H171

RRID:Addgene_170353

Type: Plasmid

Proper Citation

RRID:Addgene_170353

Plasmid Information

URL: <http://www.addgene.org/170353>

Proper Citation: RRID:Addgene_170353

Insert Name: mTurq2Del_EPACdDEPCD_Q270E_cp173Ven(ST)_Ven(ST)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25875503](#)

Vector Backbone Description: Backbone Size:36000; Vector Backbone:pAdeno; Vector Types:Mammalian Expression, Adenoviral; Bacterial Resistance:Ampicillin

Plasmid Name: Epac-S-H171

Relevant Mutation: Deletion of DEP domain, Catalytically dead T781A & F782A, increased affinity for cAMP Q270E

Record Creation Time: 20220422T221952+0000

Record Last Update: 20260725T074237+0000

Ratings and Alerts

No rating or validation information has been found for Epac-S-H171.

No alerts have been found for Epac-S-H171.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.