

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pSG5-FLAG-CaMKKbeta rat D311A

RRID:Addgene_32451

Type: Plasmid

Proper Citation

RRID:Addgene_32451

Plasmid Information

URL: <http://www.addgene.org/32451>

Proper Citation: RRID:Addgene_32451

Insert Name: Calcium/Calmodulin dependent protein kinase kinase beta

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18460329](#)

Vector Backbone Description: Backbone Marker:Stratagene; Vector Backbone:pSG5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The S3V, G96R, and P108L "mutations" were present in the original version of rat CaMKKbeta cloned by the Means lab. They believe these sequence differences represent a natural variant of the CaMKKbeta sequence and are not mutations.

Plasmid Name: pSG5-FLAG-CaMKKbeta rat D311A

Relevant Mutation: D311A (S3V, G96R, and P108L also present)

Record Creation Time: 20220422T222141+0000

Record Last Update: 20260815T081346+0000

Ratings and Alerts

No rating or validation information has been found for pSG5-FLAG-CaMKKbeta rat D311A.

No alerts have been found for pSG5-FLAG-CaMKKbeta rat D311A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.