

Resource Summary Report

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

pSG5-FLAG-CaMKKbeta rat 1-460 D311A

RRID:Addgene_33325

Type: Plasmid

Proper Citation

RRID:Addgene_33325

Plasmid Information

URL: <http://www.addgene.org/33325>

Proper Citation: RRID:Addgene_33325

Insert Name: Calcium/Calmodulin dependent protein kinase kinase beta

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21807092](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:4100; Vector Backbone:pSG5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The truncation was made by placing a stop codon at 460, but sequence was not actually removed. 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 1-460 D311A

Relevant Mutation: truncated at 460, D311A (S3V, G96R, and P108L also present)

Record Creation Time: 20220422T222145+0000

Record Last Update: 20260725T074558+0000

Ratings and Alerts

No rating or validation information has been found for pSG5-FLAG-CaMKKbeta rat 1-460 D311A.

No alerts have been found for pSG5-FLAG-CaMKKbeta rat 1-460 D311A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.