

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pSG5-FLAG-CaMKKbeta N-terminus on CaMKKalpha

RRID:Addgene_33330

Type: Plasmid

Proper Citation

RRID:Addgene_33330

Plasmid Information

URL: <http://www.addgene.org/33330>

Proper Citation: RRID:Addgene_33330

Insert Name: Calcium/Calmodulin dependent protein kinase kinase alpha

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 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 N-terminus on CaMKKalpha

Relevant Mutation: CaMKKbeta N-terminus (1-164) was fused to body for CaMKKalpha (121-505) using PCR based method; S3V, G96R, and P108L also present.

Record Creation Time: 20220422T222145+0000

Record Last Update: 20260815T081355+0000

Ratings and Alerts

No rating or validation information has been found for pSG5-FLAG-CaMKKbeta N-terminus on CaMKKalpha.

No alerts have been found for pSG5-FLAG-CaMKKbeta N-terminus on CaMKKalpha.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.