

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

XE120 CAMKII-K42M 1-271-CS2+

RRID:Addgene_16734

Type: Plasmid

Proper Citation

RRID:Addgene_16734

Plasmid Information

URL: <http://www.addgene.org/16734>

Proper Citation: RRID:Addgene_16734

Insert Name: CAMKII-K42M 1-271

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10777564](#)

Vector Backbone Description: Backbone Size:4095; Vector Backbone:pCS2+; Vector Types:Xenopus Expression; Bacterial Resistance:Ampicillin

Comments: Description: A C-terminal truncation of K42M kinase dead CAMKII provided by H. Schulman (Vanderbilt), subcloned into the EcoRI site of CS2+. Linearize with Not 1 and transcribe with SP6. Ref: M. Kuehl et al., JBC 275:12701-12711, 2000.

Plasmid Name: XE120 CAMKII-K42M 1-271-CS2+

Relevant Mutation: C-terminal truncation of K42M kinase

Record Creation Time: 20220422T221940+0000

Record Last Update: 20260815T080942+0000

Ratings and Alerts

No rating or validation information has been found for XE120 CAMKII-K42M 1-271-CS2+.

No alerts have been found for XE120 CAMKII-K42M 1-271-CS2+.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.