

Resource Summary Report

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

XE117 CAMKII-CS2+

RRID:Addgene_16737

Type: Plasmid

Proper Citation

RRID:Addgene_16737

Plasmid Information

URL: <http://www.addgene.org/16737>

Proper Citation: RRID:Addgene_16737

Insert Name: CAMKII

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: Wild type 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: XE117 CAMKII-CS2+

Record Creation Time: 20220422T221941+0000

Record Last Update: 20260815T080943+0000

Ratings and Alerts

No rating or validation information has been found for XE117 CAMKII-CS2+.

No alerts have been found for XE117 CAMKII-CS2+.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Duran J, et al. (2017) Ca²⁺/Calmodulin-Dependent Protein Kinase II and Androgen Signaling Pathways Modulate MEF2 Activity in Testosterone-Induced Cardiac Myocyte Hypertrophy. *Frontiers in pharmacology*, 8, 604.