

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

CamKII alpha Venus

RRID:Addgene_29427

Type: Plasmid

Proper Citation

RRID:Addgene_29427

Plasmid Information

URL: <http://www.addgene.org/29427>

Proper Citation: RRID:Addgene_29427

Insert Name: Venus CamKII alpha

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:19339497](#)

Vector Backbone Description: Backbone Size:3984; Vector Backbone:pEGFP N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: CamKII alpha Venus

Record Creation Time: 20220422T222130+0000

Record Last Update: 20260725T074532+0000

Ratings and Alerts

No rating or validation information has been found for CamKII alpha Venus.

No alerts have been found for CamKII alpha Venus.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Lee SE, et al. (2024) nArgBP2 together with GKAP and SHANK3 forms a dynamic layered structure. *Frontiers in cellular neuroscience*, 18, 1354900.

Pchitskaya E, et al. (2022) Cytoskeleton Protein EB3 Contributes to Dendritic Spines Enlargement and Enhances Their Resilience to Toxic Effects of Beta-Amyloid. *International journal of molecular sciences*, 23(4).

Park D, et al. (2021) Cooperative function of synaptophysin and synapsin in the generation of??synaptic vesicle-like clusters in non-neuronal cells. *Nature communications*, 12(1), 263.

Park SW, et al. (2018) CRABP1 protects the heart from isoproterenol-induced acute and chronic remodeling. *The Journal of endocrinology*, 236(3), 151.

Yu K, et al. (2014) Activation of the Ano1 (TMEM16A) chloride channel by calcium is not mediated by calmodulin. *The Journal of general physiology*, 143(2), 253.