

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

CytoCKAR

RRID:Addgene_14870

Type: Plasmid

Proper Citation

RRID:Addgene_14870

Plasmid Information

URL: <http://www.addgene.org/14870>

Proper Citation: RRID:Addgene_14870

Insert Name: C kinase activity reporter

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16901905](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: CytoCKAR was generated by fusing a region encoding the nuclear export sequence, LALKLAGLDI, to the 3'-end of CKAR immediately preceding the termination codon.

Plasmid Name: CytoCKAR

Record Creation Time: 20220422T221826+0000

Record Last Update: 20260902T042253+0000

Ratings and Alerts

No rating or validation information has been found for CytoCKAR.

No alerts have been found for CytoCKAR.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Retamal Santibañez J, et al. (2025) Characterization and targeting of the endosomal signaling of the gastrin releasing peptide receptor in pruritus. bioRxiv : the preprint server for biology.

Civciristov S, et al. (2018) Preamsembled GPCR signaling complexes mediate distinct cellular responses to ultralow ligand concentrations. Science signaling, 11(551).

Halls ML, et al. (2016) Plasma membrane localization of the μ -opioid receptor controls spatiotemporal signaling. Science signaling, 9(414), ra16.

Ercole F, et al. (2016) Macromolecular Hydrogen Sulfide Donors Trigger Spatiotemporally Confined Changes in Cell Signaling. Biomacromolecules, 17(1), 371.