

# Resource Summary Report

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

## [pcDNA3-Cyto-CaNAR2](#)

RRID:Addgene\_64729

Type: Plasmid

### Proper Citation

RRID:Addgene\_64729

### Plasmid Information

**URL:** <http://www.addgene.org/64729>

**Proper Citation:** RRID:Addgene\_64729

**Insert Name:** CaNAR2-NES

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:25056880](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:5446;  
Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial  
Resistance:Ampicillin

**Plasmid Name:** pcDNA3-Cyto-CaNAR2

**Record Creation Time:** 20220422T222409+0000

**Record Last Update:** 20260815T081813+0000

### Ratings and Alerts

No rating or validation information has been found for pcDNA3-Cyto-CaNAR2.

No alerts have been found for pcDNA3-Cyto-CaNAR2.

### Data and Source Information

**Source:** [Addgene](#)

### Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Köhler AR, et al. (2024) Modular dual-color BiAD sensors for locus-specific readout of epigenome modifications in single cells. *Cell reports methods*, 4(4), 100739.

Peng YJ, et al. (2021) Minibrain kinase and calcineurin coordinate activity-dependent bulk endocytosis through synaptojanin. *The Journal of cell biology*, 220(12).

Zhang X, et al. (2019) Redox signals at the ER-mitochondria interface control melanoma progression. *The EMBO journal*, 38(15), e100871.