

# Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

## pcDNA3-AKAR4-NES

RRID:Addgene\_64727

Type: Plasmid

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### Proper Citation

RRID:Addgene\_64727

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### Plasmid Information

**URL:** <http://www.addgene.org/64727>

**Proper Citation:** RRID:Addgene\_64727

**Insert Name:** AKAR4-NES

**Organism:** *Saccharomyces cerevisiae*

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:21807900](#)

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

**Plasmid Name:** pcDNA3-AKAR4-NES

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

**Record Last Update:** 20260815T081812+0000

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### Ratings and Alerts

No rating or validation information has been found for pcDNA3-AKAR4-NES.

No alerts have been found for pcDNA3-AKAR4-NES.

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### Data and Source Information

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

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### Usage and Citation Metrics

We found 5 mentions in open access literature.

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

McGlone ER, et al. (2022) Hepatocyte cholesterol content modulates glucagon receptor signalling. *Molecular metabolism*, 63, 101530.

Curtis AJ, et al. (2022) Assaying Protein Kinase A Activity Using a FRET-Based Sensor Purified from Mammalian Cells. *Methods in molecular biology* (Clifton, N.J.), 2483, 15.

Church TW, et al. (2021) AKAP79 enables calcineurin to directly suppress protein kinase A activity. *eLife*, 10.

Pickford P, et al. (2020) Signalling, trafficking and glucoregulatory properties of glucagon-like peptide-1 receptor agonists exendin-4 and lixisenatide. *British journal of pharmacology*, 177(17), 3905.

Schott MB, et al. (2017)  $\beta$ -Adrenergic induction of lipolysis in hepatocytes is inhibited by ethanol exposure. *The Journal of biological chemistry*, 292(28), 11815.