

Resource Summary Report

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

mNeptune2-C1

RRID:Addgene_54836

Type: Plasmid

Proper Citation

RRID:Addgene_54836

Plasmid Information

URL: <http://www.addgene.org/54836>

Proper Citation: RRID:Addgene_54836

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mNeptune2-C1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 600; Emission = 650

Plasmid Name: mNeptune2-C1

Record Creation Time: 20220422T222320+0000

Record Last Update: 20260815T081643+0000

Ratings and Alerts

No rating or validation information has been found for mNeptune2-C1.

No alerts have been found for mNeptune2-C1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Souto EP, et al. (2025) Lineage Tracing and Single-Cell RNA Sequencing Reveal a Common Transcriptional State in Breast Cancer Tumor-Initiating Cells Characterized by IFN/STAT1 Activity. *Cancer research*, 85(8), 1390.

Podinovskaia M, et al. (2021) A novel live-cell imaging assay reveals regulation of endosome maturation. *eLife*, 10.

Yang JM, et al. (2021) Deciphering cell signaling networks with massively multiplexed biosensor barcoding. *Cell*, 184(25), 6193.

Crummy E, et al. (2019) The priming factor CAPS1 regulates dense-core vesicle acidification by interacting with rabconnectin3/WDR7 in neuroendocrine cells. *The Journal of biological chemistry*, 294(24), 9402.

Michalska BM, et al. (2018) Insight into the fission mechanism by quantitative characterization of Drp1 protein distribution in the living cell. *Scientific reports*, 8(1), 8122.

Szymański J, et al. (2017) Interaction of Mitochondria with the Endoplasmic Reticulum and Plasma Membrane in Calcium Homeostasis, Lipid Trafficking and Mitochondrial Structure. *International journal of molecular sciences*, 18(7).