

# Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

## [NPY-GFP](#)

RRID:Addgene\_74629

Type: Plasmid

### Proper Citation

RRID:Addgene\_74629

### Plasmid Information

**URL:** <http://www.addgene.org/74629>

**Proper Citation:** RRID:Addgene\_74629

**Insert Name:** Neuropeptide Y

**Organism:** Homo sapiens

**Bacterial Resistance:** Kanamycin

**Vector Backbone Description:** Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:GFP-N1; Vector Types:Mammalian Expression, Bacterial Expression; Bacterial Resistance:Kanamycin

**Plasmid Name:** NPY-GFP

**Record Creation Time:** 20220422T222454+0000

**Record Last Update:** 20260826T042553+0000

### Ratings and Alerts

No rating or validation information has been found for NPY-GFP.

No alerts have been found for NPY-GFP.

### 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 [RRID](#) .

Ghignoli S, et al. (2025) Spatiotemporal Analysis of Glucagon Secretory Granule Dynamics. *Traffic* (Copenhagen, Denmark), 26(7-9), e70019.

Omar-Hmeadi M, et al. (2023) Local PI(4,5)P2 signaling inhibits fusion pore expansion during exocytosis. *Cell reports*, 42(2), 112036.

Hegazi S, et al. (2022) UBR4/POE facilitates secretory trafficking to maintain circadian clock synchrony. *Nature communications*, 13(1), 1594.

Shin W, et al. (2018) Visualization of Membrane Pore in Live Cells Reveals a Dynamic-Pore Theory Governing Fusion and Endocytosis. *Cell*, 173(4), 934.

Trexler AJ, et al. (2017) Two-Color Total Internal Reflection Fluorescence Microscopy of Exocytosis in Endocrine Cells. *Methods in molecular biology* (Clifton, N.J.), 1563, 151.