

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 2, 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: 20260902T050128+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 [PRECISE-TBI](#) .

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.