

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pEGFP-n1-APP

RRID:Addgene_69924

Type: Plasmid

Proper Citation

RRID:Addgene_69924

Plasmid Information

URL: <http://www.addgene.org/69924>

Proper Citation: RRID:Addgene_69924

Insert Name: APP

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:26216398](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pEGFP-n1-APP

Record Creation Time: 20220422T222432+0000

Record Last Update: 20260815T081856+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP-n1-APP.

No alerts have been found for pEGFP-n1-APP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Liu YC, et al. (2025) APP SUMOylation prevents BACE1 cleavage of APP and increases BACE1 degradation to promote the nonamyloidogenic pathway. *Molecular medicine* (Cambridge, Mass.), 31(1), 301.

Conze C, et al. (2025) Redox signaling modulates axonal microtubule organization and induces a specific phosphorylation signature of microtubule-regulating proteins. *Redox biology*, 83, 103626.

Li Y, et al. (2024) RACK1 and IRE1 participate in the translational quality control of amyloid precursor protein in Drosophila models of Alzheimer's disease. *The Journal of biological chemistry*, 300(3), 105719.

Tan X, et al. (2024) Chromosomal 3q amplicon encodes essential regulators of secretory vesicles that drive secretory addiction in cancer. *The Journal of clinical investigation*, 134(12).

Yang S, et al. (2024) NMNAT2 supports vesicular glycolysis via NAD homeostasis to fuel fast axonal transport. *Molecular neurodegeneration*, 19(1), 13.

Li Y, et al. (2023) The mTORC2/AKT/VCP axis is associated with quality control of the stalled translation of poly(GR) dipeptide repeats in C9-ALS/FTD. *The Journal of biological chemistry*, 299(3), 102995.

Raj N, et al. (2023) Early Endosomes Act as Local Exocytosis Hubs to Repair Endothelial Membrane Damage. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 10(13), e2300244.

Yang S, et al. (2023) NMNAT2 supports vesicular glycolysis via NAD homeostasis to fuel fast axonal transport. *Research square*.

Conze C, et al. (2022) Caspase-cleaved tau is senescence-associated and induces a toxic gain of function by putting a brake on axonal transport. *Molecular psychiatry*, 27(7), 3010.

Reveglia P, et al. (2021) Tandem Mass Spectrometry as Strategy for the Selective Identification and Quantification of the Amyloid Precursor Protein Tyr682 Residue Phosphorylation Status in Human Blood Mononuclear Cells. *Biomolecules*, 11(9).

Naughton SX, et al. (2021) The Carbamate, Physostigmine does not Impair Axonal Transport in Rat Cortical Neurons. *Neuroscience insights*, 16, 26331055211020289.

Iannuzzi F, et al. (2020) Fyn Tyrosine Kinase Elicits Amyloid Precursor Protein Tyr682 Phosphorylation in Neurons from Alzheimer's Disease Patients. *Cells*, 9(8).

Wu X, et al. (2020) Amyloid precursor protein promotes the migration and invasion of breast cancer cells by regulating the MAPK signaling pathway. *International journal of molecular medicine*, 45(1), 162.

Pierzynowska K, et al. (2019) Autophagy-dependent mechanism of genistein-mediated elimination of behavioral and biochemical defects in the rat model of sporadic Alzheimer's

disease. Neuropharmacology, 148, 332.