

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 12, 2025

pAAV.GfaABC1D.PI.Lck-GFP.SV40

RRID:Addgene_105598

Type: Plasmid

Proper Citation

RRID:Addgene_105598

Plasmid Information

URL: <http://www.addgene.org/105598>

Proper Citation: RRID:Addgene_105598

Insert Name: Lck-EGFP

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23589582](#)

Vector Backbone Description: Vector Backbone:pZac2.1; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: Penn Vector Core plasmid p2369

Plasmid Name: pAAV.GfaABC1D.PI.Lck-GFP.SV40

Record Creation Time: 20220422T221512+0000

Record Last Update: 20230915T080051+0000

Ratings and Alerts

No rating or validation information has been found for pAAV.GfaABC1D.PI.Lck-GFP.SV40.

No alerts have been found for pAAV.GfaABC1D.PI.Lck-GFP.SV40.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Bosquez Huerta NA, et al. (2025) Sex-specific astrocyte regulation of spinal motor circuits by Nkx6.1. Cell reports, 44(1), 115121.

Holt LM, et al. (2024) Astrocytic CREB in nucleus accumbens promotes susceptibility to chronic stress. bioRxiv : the preprint server for biology.

Nentwig TB, et al. (2024) Central Amygdala Astrocyte Plasticity Underlies GABAergic Dysregulation in Ethanol Dependence. bioRxiv : the preprint server for biology.

Williamson MR, et al. (2023) Subventricular zone cytotogenesis provides trophic support for neural repair in a mouse model of stroke. Nature communications, 14(1), 6341.

Walker CD, et al. (2022) Diverging Effects of Adolescent Ethanol Exposure on Tripartite Synaptic Development across Prefrontal Cortex Subregions. Cells, 11(19).

Nagai J, et al. (2021) Specific and behaviorally consequential astrocyte Gq GPCR signaling attenuation in vivo with i²ARK. Neuron, 109(14), 2256.

Henneberger C, et al. (2020) LTP Induction Boosts Glutamate Spillover by Driving Withdrawal of Perisynaptic Astroglia. Neuron, 108(5), 919.

Yu X, et al. (2020) Context-Specific Striatal Astrocyte Molecular Responses Are Phenotypically Exploitable. Neuron, 108(6), 1146.

Testen A, et al. (2020) High-Resolution Three-Dimensional Imaging of Individual Astrocytes Using Confocal Microscopy. Current protocols in neuroscience, 91(1), e92.