

Resource Summary Report

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

pAAV-Ef1a-DIO-oG-WPRE-hGH

RRID:Addgene_74290

Type: Plasmid

Proper Citation

RRID:Addgene_74290

Plasmid Information

URL: <http://www.addgene.org/74290>

Proper Citation: RRID:Addgene_74290

Insert Name: oG (optimized Glycoprotein)

Organism: glycoprotein for rabies virus SAD B19

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27149846](#)

Vector Backbone Description: Vector Backbone:pAAV-EF1a-DIO; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-Ef1a-DIO-oG-WPRE-hGH

Relevant Mutation: chimeric glycoprotein

Record Creation Time: 20220422T222453+0000

Record Last Update: 20260815T081936+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-Ef1a-DIO-oG-WPRE-hGH.

No alerts have been found for pAAV-Ef1a-DIO-oG-WPRE-hGH.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Locarno A, et al. (2026) Endocannabinoid modulation of a reciprocal fronto-coerulear connection in contextual discrimination. Cell reports, 45(4), 117141.

Tasaka GI, et al. (2023) The local and long-range input landscape of inhibitory neurons in mouse auditory cortex. The Journal of comparative neurology, 531(4), 502.

Cohen-Kashi Malina K, et al. (2021) NDNF interneurons in layer 1 gain-modulate whole cortical columns according to an animal's behavioral state. Neuron, 109(13), 2150.

Tasaka GI, et al. (2020) The Temporal Association Cortex Plays a Key Role in Auditory-Driven Maternal Plasticity. Neuron, 107(3), 566.

Dudai A, et al. (2020) Barrel cortex VIP/ChAT interneurons suppress sensory responses in vivo. PLoS biology, 18(2), e3000613.

Vinograd A, et al. (2019) The Pre-synaptic Landscape of Mitral/Tufted Cells of the Main Olfactory Bulb. Frontiers in neuroanatomy, 13, 58.

Albisetti GW, et al. (2017) Identification of Two Classes of Somatosensory Neurons That Display Resistance to Retrograde Infection by Rabies Virus. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(43), 10358.