

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.