

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

[pEGFP-NR2A](#)

RRID:Addgene_17924

Type: Plasmid

Proper Citation

RRID:Addgene_17924

Plasmid Information

URL: <http://www.addgene.org/17924>

Proper Citation: RRID:Addgene_17924

Insert Name: NMDAR2A

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11897109](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:4800; Vector Backbone:pcDNA1.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pEGFP-NR2A

Record Creation Time: 20220422T222031+0000

Record Last Update: 20260815T081121+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP-NR2A.

No alerts have been found for pEGFP-NR2A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Zong P, et al. (2024) TRPM2 enhances ischemic excitotoxicity by associating with PKC?. Cell reports, 43(2), 113722.

Zong P, et al. (2022) Functional coupling of TRPM2 and extrasynaptic NMDARs exacerbates excitotoxicity in ischemic brain injury. Neuron, 110(12), 1944.

Lee GS, et al. (2021) 14-3-3 proteins promote synaptic localization of N-methyl d-aspartate receptors (NMDARs) in mouse hippocampal and cortical neurons. PloS one, 16(12), e0261791.

Nuwer JL, et al. (2021) Sustained treatment with an $\alpha 5$ GABA A receptor negative allosteric modulator delays excitatory circuit development while maintaining GABAergic neurotransmission. Neuropharmacology, 197, 108724.

Reyes-Guzman EA, et al. (2017) Antagonistic action on NMDA/GluN2B mediated currents of two peptides that were conantokin-G structure-based designed. BMC neuroscience, 18(1), 44.

Bagasrawala I, et al. (2017) N-Methyl d-Aspartate Receptor Expression Patterns in the Human Fetal Cerebral Cortex. Cerebral cortex (New York, N.Y. : 1991), 27(11), 5041.