Resource Summary Report

Generated by RRID on Aug 24, 2026

pCAG-NL1B

RRID:Addgene_15261
Type: Plasmid

Proper Citation

RRID:Addgene_15261

Plasmid Information

URL: http://www.addgene.org/15261

Proper Citation: RRID:Addgene_15261

Insert Name: Neuroligin 1 with insert B

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:16846852

Vector Backbone Description: Backbone Size:4921; Vector Backbone:pCAAGS; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCAG-NL1B

Record Creation Time: 20220422T221835+0000

Record Last Update: 20260815T080727+0000

Ratings and Alerts

No rating or validation information has been found for pCAG-NL1B.

No alerts have been found for pCAG-NL1B.

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 .

Feller B, et al. (2026) The Neurexin1? Histidine-Rich Domain Is Involved in Excitatory Presynaptic Organization and Short-Term Plasticity. eNeuro, 13(2).

Yong XLH, et al. (2021) Regulation of NMDA receptor trafficking and gating by activity-dependent CaMKII? phosphorylation of the GluN2A subunit. Cell reports, 36(1), 109338.

Chen X, et al. (2020) Effects of GluN2A and GluN2B gain-of-function epilepsy mutations on synaptic currents mediated by diheteromeric and triheteromeric NMDA receptors. Neurobiology of disease, 140, 104850.

Tu YK, et al. (2018) The Adhesion-GPCR BAI1 Promotes Excitatory Synaptogenesis by Coordinating Bidirectional Trans-synaptic Signaling. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(39), 8388.

Gjørlund MD, et al. (2017) Soluble Ectodomain of Neuroligin 1 Decreases Synaptic Activity by Activating Metabotropic Glutamate Receptor 2. Frontiers in molecular neuroscience, 10, 116.

Gjørlund MD, et al. (2012) Neuroligin-1 induces neurite outgrowth through interaction with neurexin-1? and activation of fibroblast growth factor receptor-1. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 26(10), 4174.