

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

mCh-GluA1-CIB

RRID:Addgene_89444

Type: Plasmid

Proper Citation

RRID:Addgene_89444

Plasmid Information

URL: <http://www.addgene.org/89444>

Proper Citation: RRID:Addgene_89444

Insert Name: mCh-GluA1-CIB

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:28132827](#)

Vector Backbone Description: Backbone Marker:custom; Vector Backbone:pCaMKII;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: use ~500ng/well for 12 well plate

Plasmid Name: mCh-GluA1-CIB

Record Creation Time: 20220422T222608+0000

Record Last Update: 20260815T082157+0000

Ratings and Alerts

No rating or validation information has been found for mCh-GluA1-CIB.

No alerts have been found for mCh-GluA1-CIB.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Dharmasri PA, et al. (2023) Differential nanoscale organization of excitatory synapses onto excitatory vs inhibitory neurons. bioRxiv : the preprint server for biology.

Wang G, et al. (2022) Glutamate Receptor Interacting Protein 1 in the Dorsal CA1 Drives Alpha-amino-3-hydroxy-5-methyl-4-Isoxazolepropionic Acid Receptor Endocytosis and Exocytosis Bidirectionally and Mediates Forgetting, Exploratory, and Anxiety-like Behavior. Neuroscience, 498, 235.

Willems J, et al. (2020) ORANGE: A CRISPR/Cas9-based genome editing toolbox for epitope tagging of endogenous proteins in neurons. PLoS biology, 18(4), e3000665.