Resource Summary Report

Generated by RRID on Aug 18, 2026

pmCherryC2-Gephyrin P1

RRID:Addgene_68820
Type: Plasmid

Proper Citation

RRID:Addgene_68820

Plasmid Information

URL: http://www.addgene.org/68820

Proper Citation: RRID:Addgene_68820

Insert Name: Gephyrin

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: PMID:21173228

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP C2; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: EGFP was removed using NheI and XhoI. mCherry was amplified and inserted using NheI and XhoI sites. Gephyrin D566N mutation is a polymorphism and is not a concern for plasmid function.

Plasmid Name: pmCherryC2-Gephyrin P1

Relevant Mutation: silent mutations on internal EcoRI site. Gephyrin D566N (see depositor comment below)

Record Creation Time: 20220422T222428+0000

Record Last Update: 20260815T081847+0000

Ratings and Alerts

No rating or validation information has been found for pmCherryC2-Gephyrin P1.

No alerts have been found for pmCherryC2-Gephyrin P1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Lee JH, et al. (2021) Astrocytes phagocytose adult hippocampal synapses for circuit homeostasis. Nature, 590(7847), 612.

Grupi A, et al. (2021) Point-localized, site-specific membrane potential optical recording by single fluorescent nanodiscs. Biophysical reports, 1(1).