

Resource Summary Report

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

pEGFPC2-gephyrin C3

RRID:Addgene_199610

Type: Plasmid

Proper Citation

RRID:Addgene_199610

Plasmid Information

URL: <http://www.addgene.org/199610>

Proper Citation: RRID:Addgene_199610

Insert Name: Gephyrin

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:36314779](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFPC2; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Gephyrin C3 cassette encodes NHPFYTSPAVFMANHGQPIPLISYSHHATGSADKR after K243 (Thought to be expressed in astrocytes for MoCo biosynthesis and prevents oligomerization of gephyrin molecules for synapse scaffolding function in neurons)

Plasmid Name: pEGFPC2-gephyrin C3

Relevant Mutation: C3 cassette insertion

Record Creation Time: 20230511T080405+0000

Record Last Update: 20260815T082623+0000

Ratings and Alerts

No rating or validation information has been found for pEGFPC2-gephyrin C3.

No alerts have been found for pEGFPC2-gephyrin C3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.