

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 NHPFYTSPA VFMANHGQPIPLISYSHHATGSADKR 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.