Resource Summary Report

Generated by dkNET on Aug 21, 2026

pCITF-KCC2

RRID:Addgene_61404
Type: Plasmid

Proper Citation

RRID:Addgene_61404

Plasmid Information

URL: http://www.addgene.org/61404

Proper Citation: RRID:Addgene_61404

Insert Name: KCC2

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: PMID:19376067

Vector Backbone Description: Backbone Size:6900; Vector Backbone:pCITF; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pCITF-KCC2

Record Creation Time: 20220422T222352+0000

Record Last Update: 20260815T081742+0000

Ratings and Alerts

No rating or validation information has been found for pCITF-KCC2.

No alerts have been found for pCITF-KCC2.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Chen L, et al. (2025) Hierarchical regulation of cerebellar neurogenesis by Sin3A-mediated gene repression. bioRxiv : the preprint server for biology.

Prael Iii FJ, et al. (2022) Discovery of Small Molecule KCC2 Potentiators Which Attenuate In Vitro Seizure-Like Activity in Cultured Neurons. Frontiers in cell and developmental biology, 10, 912812.

Magloire V, et al. (2019) KCC2 overexpression prevents the paradoxical seizure-promoting action of somatic inhibition. Nature communications, 10(1), 1225.

Nakano Y, et al. (2019) Overlapping Activities of Two Neuronal Splicing Factors Switch the GABA Effect from Excitatory to Inhibitory by Regulating REST. Cell reports, 27(3), 860.

Mahn M, et al. (2018) High-efficiency optogenetic silencing with soma-targeted anion-conducting channelrhodopsins. Nature communications, 9(1), 4125.