Resource Summary Report

Generated by NIF on Aug 29, 2026

pCMV3XFLAGm43CT

RRID:Addgene_17664
Type: Plasmid

Proper Citation

RRID:Addgene_17664

Plasmid Information

URL: http://www.addgene.org/17664

Proper Citation: RRID:Addgene_17664

Insert Name: Cx43 CT

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Sigma; Backbone Size:3800; Vector Backbone:p3XFLAG-CMV-7.1?; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCMV3XFLAGm43CT

Relevant Mutation: Cytoplasmic tail: aa 236-382

Record Creation Time: 20220422T222020+0000

Record Last Update: 20260829T080048+0000

Ratings and Alerts

No rating or validation information has been found for pCMV3XFLAGm43CT.

No alerts have been found for pCMV3XFLAGm43CT.

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 NIF .

Kochanowski P, et al. (2021) Temozolomide Induces the Acquisition of Invasive Phenotype by O6-Methylguanine-DNA Methyltransferase (MGMT)+ Glioblastoma Cells in a Snail-1/Cx43-Dependent Manner. International journal of molecular sciences, 22(8).

Moorer MC, et al. (2017) Defective signaling, osteoblastogenesis and bone remodeling in a mouse model of connexin 43 C-terminal truncation. Journal of cell science, 130(3), 531.

Hebert C, et al. (2013) An intact connexin43 is required to enhance signaling and gene expression in osteoblast-like cells. Journal of cellular biochemistry, 114(11), 2542.