Resource Summary Report

Generated by RRID on Sep 3, 2026

OptoEphB2-mCherry

RRID:Addgene_92042
Type: Plasmid

Proper Citation

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Plasmid Information

URL: http://www.addgene.org/92042

Proper Citation: RRID:Addgene_92042

Insert Name: EPHB2

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Vector Backbone Description: Vector Backbone:pmCherryN1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: OptoEphB sequence encodes a N-term myristoylation signal peptide, AA565-986 of EphB2, and the PHR domain of Cry2olig (E490G).

Plasmid Name: OptoEphB2-mCherry

Record Creation Time: 20220422T222623+0000

Record Last Update: 20260902T050524+0000

Ratings and Alerts

No rating or validation information has been found for OptoEphB2-mCherry.

No alerts have been found for OptoEphB2-mCherry.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Marymonchyk A, et al. (2025) Neural stem cell quiescence and activation dynamics are regulated by feedback input from their progeny under homeostatic and regenerative conditions. Cell stem cell, 32(3), 445.