

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

Kif5A-GFP-CIBN

RRID:Addgene_102252

Type: Plasmid

Proper Citation

RRID:Addgene_102252

Plasmid Information

URL: <http://www.addgene.org/102252>

Proper Citation: RRID:Addgene_102252

Insert Name: Kif5A-GFP-CIB1

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:25963241](#)

Vector Backbone Description: Backbone Size:3800; Vector Backbone:pEGFP-N1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: Kif5A-GFP-CIBN

Record Creation Time: 20220422T221455+0000

Record Last Update: 20260725T073347+0000

Ratings and Alerts

No rating or validation information has been found for Kif5A-GFP-CIBN.

No alerts have been found for Kif5A-GFP-CIBN.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Deng X, et al. (2025) Optogenetic perturbation of lipid droplet localization affects lipid metabolism and development in *Drosophila*. *Journal of lipid research*, 66(8), 100848.

Tillu VA, et al. (2024) Precision in situ cryogenic correlative light and electron microscopy of optogenetically positioned organelles. *Journal of cell science*, 137(20).

Song Y, et al. (2024) Using an ER-specific optogenetic mechanostimulator to understand the mechanosensitivity of the endoplasmic reticulum. *Developmental cell*, 59(11), 1396.

Song Y, et al. (2022) Light-inducible deformation of mitochondria in live cells. *Cell chemical biology*, 29(1), 109.