

# Resource Summary Report

Generated by [kravitz2](#) on Aug 16, 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:** 20260815T080022+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 [kravitz2](#) .

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.