

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

Kif5A-CIBN

RRID:Addgene_102251

Type: Plasmid

Proper Citation

RRID:Addgene_102251

Plasmid Information

URL: <http://www.addgene.org/102251>

Proper Citation: RRID:Addgene_102251

Insert Name: Kif5A-CIB1

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:25963241](#)

Vector Backbone Description: Backbone Size:6100; Vector Backbone:pEGFP-N1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: Kif5A-CIBN

Record Creation Time: 20220422T221455+0000

Record Last Update: 20260815T080023+0000

Ratings and Alerts

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

No alerts have been found for Kif5A-CIBN.

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 [RRID](#) .

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

Chen JH, et al. (2023) Reduced lysosomal density in neuronal dendrites mediates deficits in synaptic plasticity in Huntington's disease. *Cell reports*, 42(12), 113573.

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