

Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

CIB-VP64 (B1016)

RRID:Addgene_92037

Type: Plasmid

Proper Citation

RRID:Addgene_92037

Plasmid Information

URL: <http://www.addgene.org/92037>

Proper Citation: RRID:Addgene_92037

Insert Name: CIB1-VP64

Organism: Arabidopsis thaliana

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:28431041](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:3965; Vector Backbone:pmCherryN1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: CIB-VP64 (B1016)

Record Creation Time: 20220422T222623+0000

Record Last Update: 20260815T082227+0000

Ratings and Alerts

No rating or validation information has been found for CIB-VP64 (B1016).

No alerts have been found for CIB-VP64 (B1016).

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 [dkNET](#) .

Christoffers S, et al. (2024) Blue Light-Induced, Dosed Protein Expression of Active BDNF in Human Cells Using the Optogenetic CRY2/CIB System. *Biotechnology journal*, 19(12), e202400384.

Crespo EL, et al. (2021) Bioluminescent Optogenetics 2.0: Harnessing Bioluminescence to Activate Photosensory Proteins In Vitro and In Vivo. *Journal of visualized experiments : JoVE*(174).

Hernández-Candia CN, et al. (2020) Optogenetic Control of Gene Expression Using Cryptochrome 2 and a Light-Activated Degron. *Methods in molecular biology* (Clifton, N.J.), 2173, 151.