

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

hCent2-pEGFP-C1

RRID:Addgene_29559

Type: Plasmid

Proper Citation

RRID:Addgene_29559

Plasmid Information

URL: <http://www.addgene.org/29559>

Proper Citation: RRID:Addgene_29559

Insert Name: Cent2

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:12176356](#)

Vector Backbone Description: Backbone Size:4731; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Centrin-2 sequence in this plasmid contains an additional serine at position 3 when compared to GenBank NP_004335.1

Plasmid Name: hCent2-pEGFP-C1

Record Creation Time: 20220422T222130+0000

Record Last Update: 20260725T074533+0000

Ratings and Alerts

No rating or validation information has been found for hCent2-pEGFP-C1.

No alerts have been found for hCent2-pEGFP-C1.

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](#) .

Hsu PH, et al. (2016) Ca(2+)-binding protein centrin 4 is a novel binding partner of rat Eag1 K(+) channels. FEBS open bio, 6(4), 349.

Wang J, et al. (2015) A novel strategy for targeted killing of tumor cells: Induction of multipolar acentrosomal mitotic spindles with a quinazolinone derivative mdivi-1. Molecular oncology, 9(2), 488.

Reales E, et al. (2015) The MAL protein is crucial for proper membrane condensation at the ciliary base, which is required for primary cilium elongation. Journal of cell science, 128(12), 2261.

Gerber PP, et al. (2015) Rab27a controls HIV-1 assembly by regulating plasma membrane levels of phosphatidylinositol 4,5-bisphosphate. The Journal of cell biology, 209(3), 435.