

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

pEGFP Cep170 C-term (Nigg GG2)

RRID:Addgene_41151

Type: Plasmid

Proper Citation

RRID:Addgene_41151

Plasmid Information

URL: <http://www.addgene.org/41151>

Proper Citation: RRID:Addgene_41151

Insert Name: Cep170

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:15616186](#)

Vector Backbone Description: Backbone Marker:Modified from Clontech; Backbone Size:4700; Vector Backbone:pEGFP-T7/C1 (modified pEGFP-C1); Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: The KIAA0470 cDNA was obtained from the Kazusa DNA Research Institute. It was subcloned into pT7-EGFP-C1 (modified from pEGFP-C1; BD Biosciences Clontech), after removing the ATG. Specifically, a 5kb SalI-SnaBI (Klenow blunted) fragment from pBS/KIAA0470??5'UTR was ligated into pT7-EGFP-C1 (Nigg COM81) digested with XhoI (Klenow blunted). The 3' XhoI site was recreated. This resulted in Addgene plasmid #41150: pEGFP Cep170 (Nigg PID200). The plasmid was then digested with BspEI and XmnI, blunted, and religated to recover a plasmid containing only the Cep170 C-terminal portion (aa 755-1460, from XmnI site to the end of cDNA).

Plasmid Name: pEGFP Cep170 C-term (Nigg GG2)

Relevant Mutation: Contains C-terminal fragment (aa 755-1460, from XmnI site to the end of cDNA),

Record Creation Time: 20220422T222213+0000

Record Last Update: 20260905T075616+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP Cep170 C-term (Nigg GG2).

No alerts have been found for pEGFP Cep170 C-term (Nigg GG2).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Song K, et al. (2019) A SEPT1-based scaffold is required for Golgi integrity and function. Journal of cell science, 132(3).