

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

pEYFP-C1-p85beta

RRID:Addgene_1408

Type: Plasmid

Proper Citation

RRID:Addgene_1408

Plasmid Information

URL: <http://www.addgene.org/1408>

Proper Citation: RRID:Addgene_1408

Insert Name: PI3K regulatory subunit p85beta

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4700; Vector Backbone:pEYFP-C1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Cantley lab recommends growth at room temperature.

Plasmid Name: pEYFP-C1-p85beta

Record Creation Time: 20220422T221812+0000

Record Last Update: 20260905T074856+0000

Ratings and Alerts

No rating or validation information has been found for pEYFP-C1-p85beta.

No alerts have been found for pEYFP-C1-p85beta.

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 [dkNET](#) .

Zhang Y, et al. (2019) Tail domains of myosin-1e regulate phosphatidylinositol signaling and F-actin polymerization at the ventral layer of podosomes. *Molecular biology of the cell*, 30(5), 622.

Aeberhard L, et al. (2015) The Proteome of the Isolated Chlamydia trachomatis Containing Vacuole Reveals a Complex Trafficking Platform Enriched for Retromer Components. *PLoS pathogens*, 11(6), e1004883.

Kakumoto T, et al. (2013) Optogenetic control of PIP3: PIP3 is sufficient to induce the actin-based active part of growth cones and is regulated via endocytosis. *PloS one*, 8(8), e70861.

Koivusalo M, et al. (2010) Amiloride inhibits macropinocytosis by lowering submembranous pH and preventing Rac1 and Cdc42 signaling. *The Journal of cell biology*, 188(4), 547.