

# Resource Summary Report

Generated by [RRID](#) on Aug 21, 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:** 20260815T080643+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 [RRID](#) .

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.