Resource Summary Report

Generated by SPARC SAWG on Sep 5, 2026

GFP-PIK3C2B

RRID:Addgene_161989
Type: Plasmid

Proper Citation

RRID:Addgene_161989

Plasmid Information

URL: http://www.addgene.org/161989

Proper Citation: RRID:Addgene_161989

Insert Name: PIK3C2B

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:28572395

Vector Backbone Description: Vector Backbone:eGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: This plasmid has also been described in: Wallroth, A., Koch, P.A., Marat, A.L., Krause, E., Haucke, V. (2019) Protein kinase N controls a lysosomal lipid switch to facilitate nutrient signaling via mTORC1. Nature Cell Biol. 21, 1093-1101. doi: 10.1038/s41556-019-0377-3

Plasmid Name: GFP-PIK3C2B

Relevant Mutation: siRNA resistance to siRNA#2 with 4 silent mutations: 5'-GCTACCAGTTACGAGGACT-3'.

Record Creation Time: 20220422T221916+0000

Record Last Update: 20260905T075053+0000

Ratings and Alerts

No rating or validation information has been found for GFP-PIK3C2B.

No alerts have been found for GFP-PIK3C2B.

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 SPARC SAWG .

Manupati K, et al. (2025) Novel Metastasis Suppressor PI3KC2? Is Mediated by mTORC1 Signaling in Breast Cancer. Molecular cancer research : MCR, 23(9), 765.