

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pEGFP-N1-FNIP1

RRID:Addgene_49175

Type: Plasmid

Proper Citation

RRID:Addgene_49175

Plasmid Information

URL: <http://www.addgene.org/49175>

Proper Citation: RRID:Addgene_49175

Insert Name: Folliculin Interacting Protein 1

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:24081491](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pEGFP-N1-FNIP1

Relevant Mutation: Stop codon deleted

Record Creation Time: 20220422T222253+0000

Record Last Update: 20260815T081558+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP-N1-FNIP1.

No alerts have been found for pEGFP-N1-FNIP1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Xiao L, et al. (2024) AMPK phosphorylation of FNIP1 (S220) controls mitochondrial function and muscle fuel utilization during exercise. *Science advances*, 10(6), eadj2752.

Yin Y, et al. (2022) FNIP1 regulates adipocyte browning and systemic glucose homeostasis in mice by shaping intracellular calcium dynamics. *The Journal of experimental medicine*, 219(5).

Zhou Q, et al. (2017) Dihydromyricetin prevents obesity-induced slow-twitch-fiber reduction partially via FLCN/FNIP1/AMPK pathway. *Biochimica et biophysica acta. Molecular basis of disease*, 1863(6), 1282.