

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

pEGFPC1-human APPL1

RRID:Addgene_22198

Type: Plasmid

Proper Citation

RRID:Addgene_22198

Plasmid Information

URL: <http://www.addgene.org/22198>

Proper Citation: RRID:Addgene_22198

Insert Name: Adaptor protein containing PH domain, PTB domain and Leucine zipper motif

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:17765681](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression, Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pEGFPC1-human APPL1

Record Creation Time: 20220422T222058+0000

Record Last Update: 20260829T080213+0000

Ratings and Alerts

No rating or validation information has been found for pEGFPC1-human APPL1.

No alerts have been found for pEGFPC1-human APPL1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Park S, et al. (2025) Endosomal H₂O₂ Molecules Act as Signaling Mediators in Akt/PKB Activation. *Antioxidants* (Basel, Switzerland), 14(5).

Dai A, et al. (2025) Multiple interactions mediate the localization of BLTP2 at ER-PM contacts to control plasma membrane dynamics. *bioRxiv : the preprint server for biology*.

York HM, et al. (2023) Deterministic early endosomal maturations emerge from a stochastic trigger-and-convert mechanism. *Nature communications*, 14(1), 4652.

Song J, et al. (2022) The ubiquitin-ligase TRAF6 and TGF β type I receptor form a complex with Aurora kinase B contributing to mitotic progression and cytokinesis in cancer cells. *EBioMedicine*, 82, 104155.

York HM, et al. (2021) Rapid whole cell imaging reveals a calcium-APPL1-dynein nexus that regulates cohort trafficking of stimulated EGF receptors. *Communications biology*, 4(1), 224.

Chen PW, et al. (2014) The Arf6 GTPase-activating proteins ARAP2 and ACAP1 define distinct endosomal compartments that regulate integrin α 5 β 1 traffic. *The Journal of biological chemistry*, 289(44), 30237.

Friedman JR, et al. (2013) Endoplasmic reticulum-endosome contact increases as endosomes traffic and mature. *Molecular biology of the cell*, 24(7), 1030.