

Resource Summary Report

Generated by [dkNET](#) on Aug 30, 2026

K44A dynamin 2 pEGFP

RRID:Addgene_34687

Type: Plasmid

Proper Citation

RRID:Addgene_34687

Plasmid Information

URL: <http://www.addgene.org/34687>

Proper Citation: RRID:Addgene_34687

Insert Name: dynamin 2

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Vector Backbone Description: Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: K44A dynamin 2 pEGFP

Relevant Mutation: K44A

Record Creation Time: 20220422T222148+0000

Record Last Update: 20260829T080414+0000

Ratings and Alerts

No rating or validation information has been found for K44A dynamin 2 pEGFP.

No alerts have been found for K44A dynamin 2 pEGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Yeung ML, et al. (2021) Soluble ACE2-mediated cell entry of SARS-CoV-2 via interaction with proteins related to the renin-angiotensin system. *Cell*, 184(8), 2212.

Fuentes P, et al. (2020) ITGB3-mediated uptake of small extracellular vesicles facilitates intercellular communication in breast cancer cells. *Nature communications*, 11(1), 4261.

Narayana YV, et al. (2019) Clathrin-Mediated Endocytosis Regulates a Balance between Opposing Signals to Maintain the Pluripotent State of Embryonic Stem Cells. *Stem cell reports*, 12(1), 152.

Huang X, et al. (2019) N-glycosylation-defective splice variants of neuropilin-1 promote metastasis by activating endosomal signals. *Nature communications*, 10(1), 3708.

Yao Z, et al. (2018) Exosomes Exploit the Virus Entry Machinery and Pathway To Transmit Alpha Interferon-Induced Antiviral Activity. *Journal of virology*, 92(24).

Holla P, et al. (2015) Hepatitis E virus enters liver cells through a dynamin-2, clathrin and membrane cholesterol-dependent pathway. *Traffic (Copenhagen, Denmark)*, 16(4), 398.