

Resource Summary Report

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

wt dynamin 2 pEGFP

RRID:Addgene_34686

Type: Plasmid

Proper Citation

RRID:Addgene_34686

Plasmid Information

URL: <http://www.addgene.org/34686>

Proper Citation: RRID:Addgene_34686

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: wt dynamin 2 pEGFP

Relevant Mutation: D406G, V664A, H692R and Q758R

Record Creation Time: 20220422T222148+0000

Record Last Update: 20260829T080414+0000

Ratings and Alerts

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

No alerts have been found for wt dynamin 2 pEGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Wei L, et al. (2024) Clathrin mediates membrane fission and budding by constricting membrane pores. *Cell discovery*, 10(1), 62.

Romero MD, et al. (2024) Dynamin-dependent entry of *Chlamydia trachomatis* is sequentially regulated by the effectors TarP and TmeA. *Nature communications*, 15(1), 4926.

Omari S, et al. (2024) Mast cell secretory granule fusion with amphisomes coordinates their homotypic fusion and release of exosomes. *Cell reports*, 43(7), 114482.

Picas L, et al. (2024) BIN1 regulates actin-membrane interactions during IRSp53-dependent filopodia formation. *Communications biology*, 7(1), 549.

Romero MD, et al. (2023) Dynamin-dependent entry of *Chlamydia trachomatis* is sequentially regulated by the effectors TarP and TmeA. *Research square*.

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.

Gong J, et al. (2019) Gulp1 controls Eph/ephrin trogocytosis and is important for cell rearrangements during development. *The Journal of cell biology*, 218(10), 3455.

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

Shin W, et al. (2018) Visualization of Membrane Pore in Live Cells Reveals a Dynamic-Pore Theory Governing Fusion and Endocytosis. *Cell*, 173(4), 934.

Yu CH, et al. (2015) Integrin-beta3 clusters recruit clathrin-mediated endocytic machinery in the absence of traction force. *Nature communications*, 6, 8672.

He K, et al. (2015) Mammalian actin-binding protein 1/HIP-55 is essential for the scission of clathrin-coated pits by regulating dynamin-actin interaction. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 29(6), 2495.