

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

K44A dynamin 1 pEGFP

RRID:Addgene_34681

Type: Plasmid

Proper Citation

RRID:Addgene_34681

Plasmid Information

URL: <http://www.addgene.org/34681>

Proper Citation: RRID:Addgene_34681

Insert Name: dynamin 1ba

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:15004222](#)

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

Plasmid Name: K44A dynamin 1 pEGFP

Relevant Mutation: K44A

Record Creation Time: 20220422T222147+0000

Record Last Update: 20260815T081354+0000

Ratings and Alerts

No rating or validation information has been found for K44A dynamin 1 pEGFP.

No alerts have been found for K44A dynamin 1 pEGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Sun WW, et al. (2025) Cryo-electron tomography pipeline for plasma membranes. *Nature communications*, 16(1), 855.

K??ey C, et al. (2022) Recruitment of clathrin to intracellular membranes is sufficient for vesicle formation. *eLife*, 11.

Lammertse HCA, et al. (2022) Reduced dynamin-1 levels in neurons lacking MUNC18-1. *Journal of cell science*, 135(22).

Valenzuela JI, et al. (2020) Localized Intercellular Transfer of Ephrin-As by Trans-endocytosis Enables Long-Term Signaling. *Developmental cell*, 52(1), 104.

Neumann S, et al. (2020) Thyrotropin Causes Dose-dependent Biphasic Regulation of cAMP Production Mediated by Gs and Gi/o Proteins. *Molecular pharmacology*, 97(1), 2.

Agajanian MJ, et al. (2019) WNT Activates the AAK1 Kinase to Promote Clathrin-Mediated Endocytosis of LRP6 and Establish a Negative Feedback Loop. *Cell reports*, 26(1), 79.

Zahavi EE, et al. (2018) The receptor tyrosine kinase TrkB signals without dimerization at the plasma membrane. *Science signaling*, 11(529).

Chen J, et al. (2014) Cytoplasmic HIV-1 RNA is mainly transported by diffusion in the presence or absence of Gag protein. *Proceedings of the National Academy of Sciences of the United States of America*, 111(48), E5205.