

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.