

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 15, 2026

RFP Dynamin2 K44A

RRID:Addgene_128153

Type: Plasmid

Proper Citation

RRID:Addgene_128153

Plasmid Information

URL: <http://www.addgene.org/128153>

Proper Citation: RRID:Addgene_128153

Insert Name: Dynamin 2

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:19948954](#)

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

Comments: Please note: Plasmid contains D406G, V664A, H692R, and Q758R mutations in Dynamin2 compared to the NCBI reference sequence XP_006242670.1. These mutations are not known to affect plasmid function.

Plasmid Name: RFP Dynamin2 K44A

Relevant Mutation: K44A

Record Creation Time: 20220422T221713+0000

Record Last Update: 20260815T080444+0000

Ratings and Alerts

No rating or validation information has been found for RFP Dynamin2 K44A.

No alerts have been found for RFP Dynamin2 K44A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Li F, et al. (2026) Endocytosis at the mouse blood brain barrier is elevated during sleep. bioRxiv : the preprint server for biology.

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.

Groza R, et al. (2024) Adhesion energy controls lipid binding-mediated endocytosis. Nature communications, 15(1), 2767.

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