

Resource Summary Report

Generated by [dkNET](#) on Aug 8, 2026

Su9-EGFP

RRID:Addgene_23214

Type: Plasmid

Proper Citation

RRID:Addgene_23214

Plasmid Information

URL: <http://www.addgene.org/23214>

Proper Citation: RRID:Addgene_23214

Insert Name: Subunit 9 of the F0-ATPase

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:12527753](#)

Vector Backbone Description: Backbone Size:5000; Vector Backbone:Unknown; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: Su9-EGFP

Relevant Mutation: contains AA 1-69 of subunit 9

Record Creation Time: 20220422T222103+0000

Record Last Update: 20260808T081424+0000

Ratings and Alerts

No rating or validation information has been found for Su9-EGFP.

No alerts have been found for Su9-EGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Ma S, et al. (2025) Disrupting mitochondrial dynamics attenuates ferroptosis and chemotoxicity via upregulating NRF2-mediated FSP1 expression. *Cell reports*, 44(9), 116234.

Zheng W, et al. (2025) Puromycin-sensitive aminopeptidase acts as an inhibitory auxiliary subunit of volume-regulated anion channels and regulates cGAMP transport. *Molecular cell*, 85(24), 4621.

Sutandy FXR, et al. (2023) A cytosolic surveillance mechanism activates the mitochondrial UPR. *Nature*, 618(7966), 849.

Hutto RA, et al. (2023) Cone photoreceptors transfer damaged mitochondria to Müller glia. *Cell reports*, 42(2), 112115.

Fessler E, et al. (2022) DELE1 tracks perturbed protein import and processing in human mitochondria. *Nature communications*, 13(1), 1853.

Schäfer JA, et al. (2022) Global mitochondrial protein import proteomics reveal distinct regulation by translation and translocation machinery. *Molecular cell*, 82(2), 435.

Michaelis JB, et al. (2022) Protein import motor complex reacts to mitochondrial misfolding by reducing protein import and activating mitophagy. *Nature communications*, 13(1), 5164.

Li J, et al. (2022) Reciprocal Regulation of Mitofusin 2-Mediated Mitophagy and Mitochondrial Fusion by Different PINK1 Phosphorylation Events. *Frontiers in cell and developmental biology*, 10, 868465.

Sekine S, et al. (2019) Reciprocal Roles of Tom7 and OMA1 during Mitochondrial Import and Activation of PINK1. *Molecular cell*, 73(5), 1028.

Norkett R, et al. (2016) DISC1-dependent Regulation of Mitochondrial Dynamics Controls the Morphogenesis of Complex Neuronal Dendrites. *The Journal of biological chemistry*, 291(2), 613.

López-Doménech G, et al. (2016) Loss of Dendritic Complexity Precedes Neurodegeneration in a Mouse Model with Disrupted Mitochondrial Distribution in Mature Dendrites. *Cell reports*, 17(2), 317.