

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

cavin-1-mEGFP

RRID:Addgene_27709

Type: Plasmid

Proper Citation

RRID:Addgene_27709

Plasmid Information

URL: <http://www.addgene.org/27709>

Proper Citation: RRID:Addgene_27709

Insert Name: cavin-1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20070607](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5069; Vector Backbone:pcDNA5/FRT/TO; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: cavin-1-mEGFP

Record Creation Time: 20220422T222124+0000

Record Last Update: 20260725T074520+0000

Ratings and Alerts

No rating or validation information has been found for cavin-1-mEGFP.

No alerts have been found for cavin-1-mEGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Carpentier M, et al. (2025) Seipin Governs caveolin-1 trafficking through modulating sphingolipid-glycerolipid balance. Cell reports, 44(10), 116320.

Wang Y, et al. (2024) Tunneling nanotube-transmitted mechanical signal and its cellular response. Biochemical and biophysical research communications, 693, 149368.

??tefl M, et al. (2024) Caveolae disassemble upon membrane lesioning and foster cell survival. iScience, 27(2), 108849.

Li A, et al. (2022) Mechanical properties of tunneling nanotube and its mechanical stability in human embryonic kidney cells. Frontiers in cell and developmental biology, 10, 955676.

Jiu Y, et al. (2018) Vimentin intermediate filaments function as a physical barrier during intracellular trafficking of caveolin-1. Biochemical and biophysical research communications, 507(1-4), 161.

Perez-Diaz S, et al. (2014) Polymerase I and transcript release factor (PTRF) regulates adipocyte differentiation and determines adipose tissue expandability. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 28(8), 3769.