

Resource Summary Report

Generated by [RRID](#) on Aug 22, 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: 20260815T081306+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 [RRID](#) .

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.