

# Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

## Capping Protein

RRID:Addgene\_89950

Type: Plasmid

### Proper Citation

RRID:Addgene\_89950

### Plasmid Information

**URL:** <http://www.addgene.org/89950>

**Proper Citation:** RRID:Addgene\_89950

**Insert Name:** F-actin-capping protein subunit alpha-1

**Organism:** Mus musculus

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:26564775](#)

**Vector Backbone Description:** Vector Backbone:pRSFDuet-1; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

**Plasmid Name:** Capping Protein

**Relevant Mutation:** V222I

**Record Creation Time:** 20220422T222610+0000

**Record Last Update:** 20260902T050451+0000

### Ratings and Alerts

No rating or validation information has been found for Capping Protein.

No alerts have been found for Capping Protein.

### 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 [RRID](#) .

Baum R, et al. (2025) A truncated isoform of Connexin43 caps actin to organize forward delivery of full-length Connexin43. *The Journal of cell biology*, 224(3).

Zhang Q, et al. (2023) Membrane-dependent actin polymerization mediated by the *Legionella pneumophila* effector protein MavH. *PLoS pathogens*, 19(7), e1011512.

Cheng X, et al. (2022) Reconstitution of Phase-Separated Signaling Clusters and Actin Polymerization on Supported Lipid Bilayers. *Frontiers in cell and developmental biology*, 10, 932483.

McGrath J, et al. (2021) Actin at stereocilia tips is regulated by mechanotransduction and ADF/cofilin. *Current biology : CB*, 31(6), 1141.