

# Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

## GST-Cav (135-178)

RRID:Addgene\_22448

Type: Plasmid

### Proper Citation

RRID:Addgene\_22448

### Plasmid Information

**URL:** <http://www.addgene.org/22448>

**Proper Citation:** RRID:Addgene\_22448

**Insert Name:** Caveolin 1

**Organism:** Canis lupus familiaris

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:9325253](#)

**Vector Backbone Description:** Backbone Size:4900; Vector Backbone:pGEX-4T-1;  
Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** GST-Cav (135-178)

**Relevant Mutation:** aa 135-178

**Record Creation Time:** 20220422T222059+0000

**Record Last Update:** 20260725T074433+0000

### Ratings and Alerts

No rating or validation information has been found for GST-Cav (135-178).

No alerts have been found for GST-Cav (135-178).

### Data and Source Information

**Source:** [Addgene](#)

## Usage and Citation Metrics

We found 2 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Tomita S, et al. (2024) The Cavin-1/Caveolin-1 interaction attenuates BMP/Smad signaling in pulmonary hypertension by interfering with BMPR2/Caveolin-1 binding. Communications biology, 7(1), 40.

Nakanishi N, et al. (2016) MURC deficiency in smooth muscle attenuates pulmonary hypertension. Nature communications, 7, 12417.