

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 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 [dkNET](#) .

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.