

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

Vinculin-venus

RRID:Addgene_27300

Type: Plasmid

Proper Citation

RRID:Addgene_27300

Plasmid Information

URL: <http://www.addgene.org/27300>

Proper Citation: RRID:Addgene_27300

Insert Name: Vinculin

Organism: Gallus gallus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20613844](#)

Vector Backbone Description: Backbone Size:5428; Vector Backbone:pcDNA3.1(+);
Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: Vinculin-venus

Record Creation Time: 20220422T222122+0000

Record Last Update: 20260815T081302+0000

Ratings and Alerts

No rating or validation information has been found for Vinculin-venus.

No alerts have been found for Vinculin-venus.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Bougaran P, et al. (2026) Nuclear SUN2 coordinates endothelial cell-matrix interactions to regulate blood vessel homeostasis and barrier function. bioRxiv : the preprint server for biology.

Chirasani VR, et al. (2023) Molecular basis and cellular functions of vinculin-actin directional catch bonding. Nature communications, 14(1), 8300.

Chirasani VR, et al. (2023) Elucidation of the Molecular Basis and Cellular Functions of Vinculin-Actin Directional Catch Bonding. Research square.

Tao A, et al. (2023) Identifying constitutive and context-specific molecular-tension-sensitive protein recruitment within focal adhesions. Developmental cell, 58(6), 522.

Marozas IA, et al. (2019) Adaptable boronate ester hydrogels with tunable viscoelastic spectra to probe timescale dependent mechanotransduction. Biomaterials, 223, 119430.

Ye AA, et al. (2016) Chromosome biorientation produces hundreds of piconewtons at a metazoan kinetochore. Nature communications, 7, 13221.

Vishavkarma R, et al. (2014) Role of actin filaments in correlating nuclear shape and cell spreading. PloS one, 9(9), e107895.

Burdyga A, et al. (2013) cAMP inhibits migration, ruffling and paxillin accumulation in focal adhesions of pancreatic ductal adenocarcinoma cells: effects of PKA and EPAC. Biochimica et biophysica acta, 1833(12), 2664.