

Resource Summary Report

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

mCherry-VASP-5

RRID:Addgene_55151

Type: Plasmid

Proper Citation

RRID:Addgene_55151

Plasmid Information

URL: <http://www.addgene.org/55151>

Proper Citation: RRID:Addgene_55151

Insert Name: VASP

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mCherry; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 587; Emission = 610

Plasmid Name: mCherry-VASP-5

Relevant Mutation: A209T in VASP

Record Creation Time: 20220422T222323+0000

Record Last Update: 20260902T045721+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-VASP-5.

No alerts have been found for mCherry-VASP-5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Mikhajlov O, et al. (2025) Cell adhesion and spreading on fluid membranes through microtubules-dependent mechanotransduction. Nature communications, 16(1), 1201.

Montaño-Rendón F, et al. (2022) PtdIns(3,4)P2, Lamellipodin, and VASP coordinate actin dynamics during phagocytosis in macrophages. The Journal of cell biology, 221(11).

Mancinelli G, et al. (2021) Dendrite tapering actuates a self-organizing signaling circuit for stochastic filopodia initiation in neurons. Proceedings of the National Academy of Sciences of the United States of America, 118(43).

Young LE, et al. (2018) Focal Adhesions Undergo Longitudinal Splitting into Fixed-Width Units. Current biology : CB, 28(13), 2033.

Wigerius M, et al. (2018) The polarity protein Angiomotin p130 controls dendritic spine maturation. The Journal of cell biology, 217(2), 715.