

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

mCherry-Pak3(60-113)/S74A/F84A-mCherry-C1

RRID:Addgene_29676

Type: Plasmid

Proper Citation

RRID:Addgene_29676

Plasmid Information

URL: <http://www.addgene.org/29676>

Proper Citation: RRID:Addgene_29676

Insert Name: Pak3

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:21423166](#)

Vector Backbone Description: Backbone Size:4645; Vector Backbone:mCherry-C1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: mCherry-Pak3(60-113)/S74A/F84A-mCherry-C1

Relevant Mutation: aa60-113 only; S74A F84A

Record Creation Time: 20220422T222131+0000

Record Last Update: 20260801T081119+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-Pak3(60-113)/S74A/F84A-mCherry-C1.

No alerts have been found for mCherry-Pak3(60-113)/S74A/F84A-mCherry-C1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Petshow S, et al. (2025) Activity-dependent regulation of Cdc42 by Ephexin5 drives synapse growth and stabilization. Science advances, 11(13), eadp5782.

Tu X, et al. (2020) Rac1 is a downstream effector of PKC?? in structural synaptic plasticity. Scientific reports, 10(1), 1777.

Iseppon F, et al. (2015) Cdc42 and RhoA reveal different spatio-temporal dynamics upon local stimulation with Semaphorin-3A. Frontiers in cellular neuroscience, 9, 333.