# Resource Summary Report

Generated by nidm-terms on Aug 9, 2026

## YFP-Cdc42

RRID:Addgene_11392
Type: Plasmid

### Proper Citation

RRID:Addgene_11392

### Plasmid Information

**URL:** http://www.addgene.org/11392

**Proper Citation:** RRID:Addgene_11392

**Insert Name:** cell division cycle 42

**Organism:** Homo sapiens

**Bacterial Resistance:** Kanamycin

**Defining Citation:** PMID:15169870

**Vector Backbone Description:** Backbone Marker:Clontech; Backbone Size:4731; Vector Backbone:pEYFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Comments:** Expresses Cdc42 with an N-terminal YFP marker. YFP is the monomeric (A207K) version of Citrine, a pH-insensitive YFP.

**Plasmid Name:** YFP-Cdc42

**Record Creation Time:** 20220422T221556+0000

**Record Last Update:** 20260808T080503+0000

### Ratings and Alerts

No rating or validation information has been found for YFP-Cdc42.

No alerts have been found for YFP-Cdc42.

### 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 nidm-terms .

Fray MA, et al. (2020) Vav2 lacks Ca2+ entry-promoting scaffolding functions unique to Vav1 and inhibits T cell activation via Cdc42. Journal of cell science, 133(5).

Singh RK, et al. (2019) Dynamic Actin Reorganization and Vav/Cdc42-Dependent Actin Polymerization Promote Macrophage Aggregated LDL (Low-Density Lipoprotein) Uptake and Catabolism. Arteriosclerosis, thrombosis, and vascular biology, 39(2), 137.