

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pcDNA3.1 human cofilin WT

RRID:Addgene_50853

Type: Plasmid

Proper Citation

RRID:Addgene_50853

Plasmid Information

URL: <http://www.addgene.org/50853>

Proper Citation: RRID:Addgene_50853

Insert Name: cofilin 1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18045906](#)

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

Comments: Human cofilin 1 cDNA was PCRed with a 5' primer that had an EcoRI, while the 3' primer had KpnI and EcoRV. EcoRI and KpnI were then used to ligate into pcDNA3.1- (leaving the EcoRV on the 3' end of the insert). Forward primer sequence: CGGAATTCACCAACCATGGCCTCCGGTGTGGCTGTCTC. Reverse primer sequence: GGGGTACCGATATCCTCACAAAGGCTTGCCCTCCAGG.

Plasmid Name: pcDNA3.1 human cofilin WT

Record Creation Time: 20220422T222300+0000

Record Last Update: 20260725T074808+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1 human cofilin WT.

No alerts have been found for pcDNA3.1 human cofilin WT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Reggi E, et al. (2024) AKAP2-anchored protein phosphatase 1 controls prostatic neuroendocrine carcinoma cell migration and invasion. Biochimica et biophysica acta. Molecular basis of disease, 1870(1), 166916.