# Resource Summary Report

Generated by dkNET on Aug 19, 2026

## pCoofy3

RRID:Addgene_43983
Type: Plasmid

### Proper Citation

RRID:Addgene_43983

### Plasmid Information

**URL:** http://www.addgene.org/43983

**Proper Citation:** RRID:Addgene_43983

**Bacterial Resistance:** Kanamycin

**Defining Citation:** PMID:23410102

**Vector Backbone Description:** Backbone Marker:Novagen, EMBL; Backbone Size:6406; Vector Backbone:pET, pETM33; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

**Comments:** Test each preparation of the plasmid by transforming it into non-resistant cells (ex. DH5a) to ensure negative selection by ccdB kills all the transformed cells as expected. Note that the 6x His GST double tag tends to increase the formation of insoluble protein aggregates.

**Plasmid Name:** pCoofy3

**Record Creation Time:** 20220422T222228+0000

**Record Last Update:** 20260815T081511+0000

### Ratings and Alerts

No rating or validation information has been found for pCoofy3.

No alerts have been found for pCoofy3.

### 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 .

Vizca??no-Castillo A, et al. (2024) Leishmania profilin interacts with actin through an unusual structural mechanism to control cytoskeletal dynamics in parasites. The Journal of biological chemistry, 300(3), 105740.

Hummel DR, et al. (2024) Bsp1, a fungal CPI motif protein, regulates actin filament capping in endocytosis and cytokinesis. Molecular biology of the cell, 35(2), br6.

Sekar G, et al. (2022) Small molecule SJ572946 activates BAK to initiate apoptosis. iScience, 25(10), 105064.