

Resource Summary Report

Generated by [dkNET](#) on Aug 5, 2026

pCyPet-Rac1(WT)

RRID:Addgene_22782

Type: Plasmid

Proper Citation

RRID:Addgene_22782

Plasmid Information

URL: <http://www.addgene.org/22782>

Proper Citation: RRID:Addgene_22782

Insert Name: Rac1 (wt)

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:19693013](#)

Vector Backbone Description: Backbone Size:4700; Vector Backbone:pCyPet-C1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pCyPet-Rac1(WT)

Record Creation Time: 20220422T222101+0000

Record Last Update: 20260801T081017+0000

Ratings and Alerts

No rating or validation information has been found for pCyPet-Rac1(WT).

No alerts have been found for pCyPet-Rac1(WT).

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](#) .

Peng Y, et al. (2022) Non-muscle myosin II isoforms orchestrate substrate stiffness sensing to promote cancer cell contractility and migration. *Cancer letters*, 524, 245.

Masters TA, et al. (2016) F-actin waves, actin cortex disassembly and focal exocytosis driven by actin-phosphoinositide positive feedback. *Cytoskeleton (Hoboken, N.J.)*, 73(4), 180.

Masters TA, et al. (2013) Plasma membrane tension orchestrates membrane trafficking, cytoskeletal remodeling, and biochemical signaling during phagocytosis. *Proceedings of the National Academy of Sciences of the United States of America*, 110(29), 11875.