

Resource Summary Report

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

YF-Rac1(DN)

RRID:Addgene_20151

Type: Plasmid

Proper Citation

RRID:Addgene_20151

Plasmid Information

URL: <http://www.addgene.org/20151>

Proper Citation: RRID:Addgene_20151

Insert Name: YFP-FKBP-Rac1(DN)

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:15908919](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4733; Vector Backbone:EYFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: YF-Rac1(DN)

Relevant Mutation: dominant negative mutation

Record Creation Time: 20220422T222050+0000

Record Last Update: 20260725T074416+0000

Ratings and Alerts

No rating or validation information has been found for YF-Rac1(DN).

No alerts have been found for YF-Rac1(DN).

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 [NIF](#) .

Misra S, et al. (2021) Periostin/Filamin-A: A Candidate Central Regulatory Axis for Valve Fibrogenesis and Matrix Compaction. *Frontiers in cell and developmental biology*, 9, 649862.

Yeh CW, et al. (2016) Zebrafish *diras1* Promoted Neurite Outgrowth in Neuro-2a Cells and Maintained Trigeminal Ganglion Neurons In Vivo via Rac1-Dependent Pathway. *Molecular neurobiology*, 53(10), 6594.