Resource Summary Report

Generated by NIF on Jul 30, 2026

YF-Tiam1

RRID:Addgene_20154
Type: Plasmid

Proper Citation

RRID:Addgene_20154

Plasmid Information

URL: http://www.addgene.org/20154

Proper Citation: RRID:Addgene_20154

Insert Name: YFP-FKBP-Tiam1

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-Tiam1

Record Creation Time: 20220422T222050+0000

Record Last Update: 20260725T074416+0000

Ratings and Alerts

No rating or validation information has been found for YF-Tiam1.

No alerts have been found for YF-Tiam1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Mahlandt EK, et al. (2023) Cell-based optimization and characterization of genetically encoded location-based biosensors for Cdc42 or Rac activity. Journal of cell science, 136(10).

Chapelle J, et al. (2020) The N-terminal domain of the adaptor protein p140Cap interacts with Tiam1 and controls Tiam1/Rac1 axis. American journal of cancer research, 10(12), 4308.

Redka DS, et al. (2018) Differential ability of proinflammatory and anti-inflammatory macrophages to perform macropinocytosis. Molecular biology of the cell, 29(1), 53.

Reinhard NR, et al. (2017) The balance between G?i-Cdc42/Rac and G?12/13-RhoA pathways determines endothelial barrier regulation by sphingosine-1-phosphate. Molecular biology of the cell, 28(23), 3371.

Schlam D, et al. (2015) Phosphoinositide 3-kinase enables phagocytosis of large particles by terminating actin assembly through Rac/Cdc42 GTPase-activating proteins. Nature communications, 6, 8623.

Schwechter B, et al. (2013) RasGRF2 Rac-GEF activity couples NMDA receptor calcium flux to enhanced synaptic transmission. Proceedings of the National Academy of Sciences of the United States of America, 110(35), 14462.

Bohdanowicz M, et al. (2013) Phosphatidic acid is required for the constitutive ruffling and macropinocytosis of phagocytes. Molecular biology of the cell, 24(11), 1700.