

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

pRK5-myc-RhoA-wt

RRID:Addgene_12962

Type: Plasmid

Proper Citation

RRID:Addgene_12962

Plasmid Information

URL: <http://www.addgene.org/12962>

Proper Citation: RRID:Addgene_12962

Insert Name: RhoA

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:pRK5-Myc;
Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pRK5-myc-RhoA-wt

Record Creation Time: 20220422T221720+0000

Record Last Update: 20260902T041721+0000

Ratings and Alerts

No rating or validation information has been found for pRK5-myc-RhoA-wt.

No alerts have been found for pRK5-myc-RhoA-wt.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Socodato R, et al. (2023) RhoA balances microglial reactivity and survival during neuroinflammation. *Cell death & disease*, 14(10), 690.

McCray BA, et al. (2021) Neuropathy-causing TRPV4 mutations disrupt TRPV4-RhoA interactions and impair neurite extension. *Nature communications*, 12(1), 1444.

Socodato R, et al. (2020) Microglia Dysfunction Caused by the Loss of Rhoa Disrupts Neuronal Physiology and Leads to Neurodegeneration. *Cell reports*, 31(12), 107796.

Lee S, et al. (2019) Pyk2 Signaling through Gaf1 and RhoA GTPase Is Required for Amyloid-?? Oligomer-Triggered Synapse Loss. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(10), 1910.

Loh KC, et al. (2012) Sphingosine-1-phosphate enhances satellite cell activation in dystrophic muscles through a S1PR2/STAT3 signaling pathway. *PloS one*, 7(5), e37218.