

Resource Summary Report

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

GFP-mROCK2

RRID:Addgene_101296

Type: Plasmid

Proper Citation

RRID:Addgene_101296

Plasmid Information

URL: <http://www.addgene.org/101296>

Proper Citation: RRID:Addgene_101296

Insert Name: Rock2

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:26368311](#)

Vector Backbone Description: Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: GFP-mROCK2

Record Creation Time: 20220422T221453+0000

Record Last Update: 20260725T073343+0000

Ratings and Alerts

No rating or validation information has been found for GFP-mROCK2.

No alerts have been found for GFP-mROCK2.

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 [NIF](#) .

Smith CEL, et al. (2025) Drug and siRNA screens identify ROCK2 as a therapeutic target for ciliopathies. Communications medicine, 5(1), 129.

Swiatlowska P, et al. (2022) Pressure and stiffness sensing together regulate vascular smooth muscle cell phenotype switching. Science advances, 8(15), eabm3471.

Chan KL, et al. (2022) Inhibition of the CtBP complex and FBXO11 enhances MHC class II expression and anti-cancer immune responses. Cancer cell, 40(10), 1190.

Mu??oz VR, et al. (2021) Exercise Counterbalances Rho/ROCK2 Signaling Impairment in the Skeletal Muscle and Ameliorates Insulin Sensitivity in Obese Mice. Frontiers in immunology, 12, 702025.

Burr ML, et al. (2019) An Evolutionarily Conserved Function of Polycomb Silences the MHC Class I Antigen Presentation Pathway and Enables Immune Evasion in Cancer. Cancer cell, 36(4), 385.