

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 3, 2026

EGFP-Rab10

RRID:Addgene_49472

Type: Plasmid

Proper Citation

RRID:Addgene_49472

Plasmid Information

URL: <http://www.addgene.org/49472>

Proper Citation: RRID:Addgene_49472

Insert Name: Rab10

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:14500507](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:EGFP C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: BamHI/XhoI fragment encoding Rab10 cloned into BglII/Sall site of EGFP C1

Plasmid Name: EGFP-Rab10

Record Creation Time: 20220422T222255+0000

Record Last Update: 20260829T080625+0000

Ratings and Alerts

No rating or validation information has been found for EGFP-Rab10.

No alerts have been found for EGFP-Rab10.

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 [SPARC SAWG](#) .

Winnie Ho TW, et al. (2025) LDL transcytosis passes through the trans-Golgi network and requires Rab10. *Journal of lipid research*, 66(10), 100893.

Kakanj P, et al. (2025) Retromer promotes the lysosomal turnover of mtDNA. *Science advances*, 11(14), eadr6415.

Schröder LF, et al. (2024) VPS13C regulates phospho-Rab10-mediated lysosomal function in human dopaminergic neurons. *The Journal of cell biology*, 223(5).

Parolek J, et al. (2024) Bridge-like lipid transfer protein family member 2 suppresses ciliogenesis. *Molecular biology of the cell*, 35(5), br11.

Lazo OM, et al. (2023) Rab10 regulates the sorting of internalised TrkB for retrograde axonal transport. *eLife*, 12.

Donison N, et al. (2023) Upregulation of LRRK2 following traumatic brain injury does not directly phosphorylate Thr175 tau. *Frontiers in cellular neuroscience*, 17, 1272899.

Snead DM, et al. (2022) Structural basis for Parkinson's disease-linked LRRK2's binding to microtubules. *Nature structural & molecular biology*, 29(12), 1196.