

Resource Summary Report

Generated by [RRID](#) on Sep 4, 2026

EGFP-Rab7A T22N

RRID:Addgene_28048

Type: Plasmid

Proper Citation

RRID:Addgene_28048

Plasmid Information

URL: <http://www.addgene.org/28048>

Proper Citation: RRID:Addgene_28048

Insert Name: Rab7A

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20974968](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5446; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: EGFP-Rab7A T22N

Relevant Mutation: T22N

Record Creation Time: 20220422T222126+0000

Record Last Update: 20260902T045204+0000

Ratings and Alerts

No rating or validation information has been found for EGFP-Rab7A T22N.

No alerts have been found for EGFP-Rab7A T22N.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Hanna MG, et al. (2025) BLTP3A is associated with membranes of the late endocytic pathway and is an effector of CASM. The EMBO journal, 44(21), 6168.

Peng W, et al. (2025) Endosomal trafficking participates in lipid droplet catabolism to maintain lipid homeostasis. Nature communications, 16(1), 1917.

Rengarajan A, et al. (2025) The endo-lysosomal system drives lumen formation in a human epiblast model. bioRxiv : the preprint server for biology.

Sava I, et al. (2024) Reversible assembly and disassembly of V-ATPase during the lysosome regeneration cycle. Molecular biology of the cell, 35(5), ar63.

Paddar MA, et al. (2024) Noncanonical roles of ATG5 and membrane atg8ylation in retromer assembly and function. bioRxiv : the preprint server for biology.

Deffieu MS, et al. (2021) Rab7-harboring vesicles are carriers of the transferrin receptor through the biosynthetic secretory pathway. Science advances, 7(2).

Kesisova IA, et al. (2021) A septin GTPase scaffold of dynein-dynactin motors triggers retrograde lysosome transport. The Journal of cell biology, 220(2).

Bertovi I, et al. (2020) Vps34 derived phosphatidylinositol 3-monophosphate modulates megakaryocyte maturation and proplatelet production through late endosomes/lysosomes. Journal of thrombosis and haemostasis : JTH, 18(7), 1756.

Vaites LP, et al. (2018) Systematic Analysis of Human Cells Lacking ATG8 Proteins Uncovers Roles for GABARAPs and the CCZ1/MON1 Regulator C18orf8/RMC1 in Macroautophagic and Selective Autophagic Flux. Molecular and cellular biology, 38(1).

Ledvina HE, et al. (2018) A Phosphatidylinositol 3-Kinase Effector Alters Phagosomal Maturation to Promote Intracellular Growth of Francisella. Cell host & microbe, 24(2), 285.

Li RJ, et al. (2016) Regulation of mTORC1 by lysosomal calcium and calmodulin. eLife, 5.

Villarroya-Beltri C, et al. (2016) ISGylation controls exosome secretion by promoting lysosomal degradation of MVB proteins. Nature communications, 7, 13588.