

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

pIRESneo-EGFP-alpha Tubulin

RRID:Addgene_12298

Type: Plasmid

Proper Citation

RRID:Addgene_12298

Plasmid Information

URL: <http://www.addgene.org/12298>

Proper Citation: RRID:Addgene_12298

Insert Name: EGFP-alpha Tubulin

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11294900](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:5300; Vector Backbone:pIRESneo2; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: EGFP-Tubulin came from pEGFP-alpha Tubulin from Clontech

Plasmid Name: pIRESneo-EGFP-alpha Tubulin

Record Creation Time: 20220422T221643+0000

Record Last Update: 20260808T080630+0000

Ratings and Alerts

No rating or validation information has been found for pIRESneo-EGFP-alpha Tubulin.

No alerts have been found for pIRESneo-EGFP-alpha Tubulin.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Mendon N, et al. (2023) Nanobody derived using a peptide epitope from the spike protein receptor-binding motif inhibits entry of SARS-CoV-2 variants. The Journal of biological chemistry, 299(1), 102732.

Ruba A, et al. (2023) The ciliary lumen accommodates passive diffusion and vesicle-assisted trafficking in cytoplasm-ciliary transport. Molecular biology of the cell, 34(6), ar59.

Obeng B, et al. (2023) Pharmaceutical agent cetylpyridinium chloride inhibits immune mast cell function by interfering with calcium mobilization. Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association, 179, 113980.

Obeng B, et al. (2023) Pharmaceutical agent cetylpyridinium chloride inhibits immune mast cell function by interfering with calcium mobilization. bioRxiv : the preprint server for biology.

Oliva M??, et al. (2022) Effect of Clinically Used Microtubule Targeting Drugs on Viral Infection and Transport Function. International journal of molecular sciences, 23(7).

Ma G, et al. (2020) Optogenetic engineering to probe the molecular choreography of STIM1-mediated cell signaling. Nature communications, 11(1), 1039.

Zhang X, et al. (2020) The proline-rich domain promotes Tau liquid-liquid phase separation in cells. The Journal of cell biology, 219(11).

Dong Z, et al. (2019) Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR)/Cas9-mediated kif15 mutations accelerate axonal outgrowth during neuronal development and regeneration in zebrafish. Traffic (Copenhagen, Denmark), 20(1), 71.

Moslehi M, et al. (2019) Pathogenic E2K mutation of doublecortin X (DCX) alters microtubule stabilisation and actin filament association. Biochemical and biophysical research communications, 513(3), 540.

Zhong X, et al. (2018) Myc-nick promotes efferocytosis through M2 macrophage polarization during resolution of inflammation. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 32(10), 5312.

Subramanian A, et al. (2018) Mechanical force regulates tendon extracellular matrix organization and tenocyte morphogenesis through TGFbeta signaling. eLife, 7.

Tocco VJ, et al. (2018) The nucleus is irreversibly shaped by motion of cell boundaries in cancer and non-cancer cells. Journal of cellular physiology, 233(2), 1446.

Weatherly LM, et al. (2018) Antimicrobial agent triclosan disrupts mitochondrial structure, revealed by super-resolution microscopy, and inhibits mast cell signaling via calcium modulation. Toxicology and applied pharmacology, 349, 39.

Luo W, et al. (2017) Axonemal Lumen Dominates Cytosolic Protein Diffusion inside the Primary Cilium. *Scientific reports*, 7(1), 15793.

Gavara N, et al. (2016) Relationship between cell stiffness and stress fiber amount, assessed by simultaneous atomic force microscopy and live-cell fluorescence imaging. *Biomechanics and modeling in mechanobiology*, 15(3), 511.

Wang J, et al. (2015) A novel strategy for targeted killing of tumor cells: Induction of multipolar acentrosomal mitotic spindles with a quinazolinone derivative mdivi-1. *Molecular oncology*, 9(2), 488.

Svensson KJ, et al. (2013) Exosome uptake depends on ERK1/2-heat shock protein 27 signaling and lipid Raft-mediated endocytosis negatively regulated by caveolin-1. *The Journal of biological chemistry*, 288(24), 17713.

Celik E, et al. (2013) Rearrangement of microtubule network under biochemical and mechanical stimulations. *Methods (San Diego, Calif.)*, 60(2), 195.