

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

mTagBFP2-Lifeact-7

RRID:Addgene_54602

Type: Plasmid

Proper Citation

RRID:Addgene_54602

Plasmid Information

URL: <http://www.addgene.org/54602>

Proper Citation: RRID:Addgene_54602

Insert Name: Lifeact-mTagBFP2

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22174863](#)

Vector Backbone Description: Backbone Size:4800; Vector Backbone:mTagBFP2-Lifeact; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 399; Emission = 456

Plasmid Name: mTagBFP2-Lifeact-7

Record Creation Time: 20220422T222319+0000

Record Last Update: 20260815T081641+0000

Ratings and Alerts

No rating or validation information has been found for mTagBFP2-Lifeact-7.

No alerts have been found for mTagBFP2-Lifeact-7.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Zhou T, et al. (2025) Fungal Als proteins hijack host death effector domains to promote inflammasome signaling. *Nature communications*, 16(1), 1562.

Sif Ásgrímsdóttir E, et al. (2024) Generation of a fluorescent hESC reporter line (Kle033-A-1) for the isolation of distinct midbrain progenitor cell types. *Stem cell research*, 81, 103523.

Ajiki M, et al. (2024) ORP9-PH domain-based fluorescent reporters for visualizing phosphatidylinositol 4-phosphate dynamics in living cells. *RSC chemical biology*, 5(6), 544.

Hu D, et al. (2023) TMEM135 links peroxisomes to the regulation of brown fat mitochondrial fission and energy homeostasis. *Nature communications*, 14(1), 6099.

Tomishige N, et al. (2023) HIV-1 Gag targeting to the plasma membrane reorganizes sphingomyelin-rich and cholesterol-rich lipid domains. *Nature communications*, 14(1), 7353.

McGee MC, et al. (2022) High-Efficiency Retroviral Transduction for Type 1 Regulatory T Cell Differentiation. *Bio-protocol*, 12(17).

Miki T, et al. (2022) Effects of Hydrophobic Residues on the Intracellular Self-Assembly of De Novo Designed Peptide Tags and Their Orthogonality. *ACS synthetic biology*, 11(6), 2144.

Suzuki S, et al. (2022) A chemogenetic platform for controlling plasma membrane signaling and synthetic signal oscillation. *Cell chemical biology*, 29(9), 1446.

Miki T, et al. (2021) Intracellular artificial supramolecules based on de novo designed Y15 peptides. *Nature communications*, 12(1), 3412.

Li J, et al. (2019) Single-Molecule Nanoscopy Elucidates RNA Polymerase II Transcription at Single Genes in Live Cells. *Cell*, 178(2), 491.

Heck BW, et al. (2017) Trans-endocytosis of Planar Cell Polarity Complexes during Cell Division. *Current biology : CB*, 27(23), 3725.