

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

mCherry-FKBP-MTM1

RRID:Addgene_51614

Type: Plasmid

Proper Citation

RRID:Addgene_51614

Plasmid Information

URL: <http://www.addgene.org/51614>

Proper Citation: RRID:Addgene_51614

Insert Name: FKBP

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:24711504](https://pubmed.ncbi.nlm.nih.gov/24711504/)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pmCherry-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: mCherry-FKBP-MTM1

Record Creation Time: 20220422T222303+0000

Record Last Update: 20260815T081615+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-FKBP-MTM1.

No alerts have been found for mCherry-FKBP-MTM1.

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 [RRID](#) .

Omari-Manaa S, et al. (2026) Distinct phosphoinositide signatures orchestrate Fc γ RI versus MRGPRX2 mast cell secretion. *iScience*, 29(4), 115457.

Liu DA, et al. (2023) A phosphoinositide switch mediates exocyst recruitment to multivesicular endosomes for exosome secretion. *Nature communications*, 14(1), 6883.

Gimenez MC, et al. (2021) Phosphatidylinositol 3-Phosphate Mediates the Establishment of Infectious Bursal Disease Virus Replication Complexes in Association with Early Endosomes. *Journal of virology*, 95(6).

Gong B, et al. (2021) A Golgi-derived vesicle potentiates PtdIns4P to PtdIns3P conversion for endosome fission. *Nature cell biology*, 23(7), 782.

Kim S, et al. (2021) Endosomal mTORC2 Is Required for Phosphoinositide-Dependent AKT Activation in Platelet-Derived Growth Factor-Stimulated Glioma Cells. *Cancers*, 13(10).

Fang C, et al. (2019) ZFYVE21 is a complement-induced Rab5 effector that activates non-canonical NF- κ B via phosphoinositide remodeling of endosomes. *Nature communications*, 10(1), 2247.

Song ZM, et al. (2017) Phosphoinositol 3-phosphate acts as a timer for reactive oxygen species production in the phagosome. *Journal of leukocyte biology*, 101(5), 1155.